CONSTRUCTION NEWS

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

WATERWORKS

Bids Close		See Eng. News-Record
July 19	Wingham, Ont.	July 7
July 19	Redfield, S. D.	July 14
July 20	New York, N. Y.	July 14
July 21	Montreal, Que.	July 14
July 22	Akron, O.	July 14
July 25	Marysville, Wash Adv. July 7 and 14.	June 23
July 25	Los Angeles, Cal.	July 14
July 25	Burlington, Col.	July 14
July 26	Bombay, India	Apr. 28
July 28	Maple Heights (Bedford P. O.), O.	July 14

SEWERS

July 16	West Park, O.	July 14
July 19	Columbus, O.	July 7
July 19	Elmhurst, Ill.	July 14
July 19	Central City, Ia.	July 14
July 19	Mexico, Mo.	July 14
July 19	Fort Scott, Ka.	July 14
July 20	Reading, Pa. Adv. July 7 and 14.	July 7
July 21	London, Ont.	July 14
July 22	Garfield Heights (Cleveland P. O.), O.	July 14
July 23	Westmont, Que.	July 14
July 25	Niagara Falls, Ont.	July 14
July 27	Kilburn, Wis.	July 14
Aug. 2	Paterson, N. J.	July 14

BRIDGES

July 16	Manchester, N. H. Adv. June 30 to July 14.	June 30
July 19	Groton, Conn.	July 7
July 19	Illinois	July 14
July 19	Elberton, Ga.	July 14
July 19	Pittsburgh, Pa.	July 14
July 19	Audubon, Ia.	July 14
July 20	Martha, W. Va.	July 7
July 22	Duluth, Minn.	July 7
July 22	Ohio	July 7
July 25	Wheeler, Tex. Adv. July 7 and 14.	July 14
July 25	El Monte, Cal.	July 14
July 26	Chattahoochee, Fla.	July 14
July 26	Atlantic, Ia.	July 14
July 27	Shrewsbury, N. J. Adv. July 14.	July 14
July 27	New Jersey Adv. July 14.	July 14
July 27	Greenfield, Ia.	July 14
July 28	Newport, N. Y. Adv. July 14.	July 14
Sept. 7	Kingman, Kan.	June 30

STREETS AND ROADS

July 14	Closter, N. J. Adv. July 7 and 14.	July 7
July 16	West Park, O.	July 14
July 18	California	July 7
July 18	New Florence, Pa. Adv. July 7 and 14.	July 7
July 18	Nevada, Mo	July 7
July 18	Nova Scotia	July 7
July 18	Halifax, N. S.	July 7
July 18	Marshalltown, Ia.	July 14
July 18	St. Paul, Minn.	July 14
July 19	Adrian, Mich.	June 30
July 19	Columbus, O.	July 7
July 19	Montana	July 7
July 19	North Carolina	July 7
July 19	Monett, Mo.	July 14
July 19	Illinois	July 14
July 19	Kankakee, Ill.	July 14
July 19	Hopkins, Mo.	July 14
July 19	Elberton, Ga.	July 14
July 19	Freehold, N. J. Adv. July 7 and 14.	July 14
July 19	Centralia, Ill.	July 14
July 19	Maryland Adv. July 7 and 14.	July 14
July 19	Peoria, Ill.	July 14
July 19	Grand Rapids, Mich.	July 14
July 19	Dakota, Ia.	July 14
July 19	Pittsburgh, Pa.	July 14
July 20	Boone, Ia.	June 30
July 20	Pipestone, Minn.	July 7
July 20	Jackson, Minn.	July 7
July 20	Delaware Adv. July 7 and 14.	July 7
July 20	Minnesota	July 7
July 20	San Augustine, Tex.	July 7
July 20	North Carolina	July 14
July 20	Long Island City, N. Y.	July 14
July 20	San Augustine, Tex.	July 14
July 21	Minnesota	July 7
July 21	New York, N. Y.	July 14
July 21	Caldwell, O.	July 14
July 21	North Carolina	July 14
July 22	Duluth, Minn.	June 23
July 22	Elkins, W. Va.	July 7
July 22	Duluth, Minn.	July 7
July 22	Ohio	July 7
July 22	Weston, Ont.	July 14
July 22	Kirkland Lake, Ont. Adv. July 7 and 14.	July 14
July 22	Ohio	July 14
July 22	Garfield Heights (Cleveland P. O.), O.	July 14
July 22	Virginia	July 14
July 25	Salem, N. J. Adv. July 7 and 14.	July 7
July 25	Marshalltown, Ia. Adv. July 14.	July 14
July 25	Akron, O.	July 14
July 26	Alabama	June 23
July 26	Alabama	July 7
July 26	Massachusetts	July 14
July 26	St. Louis, Mo.	July 14
July 26	Atlantic, Ia.	July 14
July 26	Orangeburg, S. C.	July 14
July 27	Fulton, N. Y. Adv. July 14.	July 14
July 27	Greenfield, Ia.	July 14
July 28	Sewaren, N. J. Adv. July 14.	July 14
July 28	New Brunswick, N. J. Adv. July 14.	July 14
July 28	Camden, S. C.	July 14
July 29	Beaver Dam, Wis.	July 14
July 29	Mt. Holly, N. J.	July 14
Aug. 1	Highland, Ill.	June 30
Aug. 1	Hastings, Minn.	July 14
Aug. 2	Alabama	July 7
Aug. 3	Maniwaki, Que.	July 14
Aug. 4	Wichita, Kan.	July 7
Aug. 9	Syracuse, Kan.	July 7

RAILWAYS

July 30	Minnesota	July 14

EXCAVATION AND DREDGING

July 19	Garrett, Ill.	July 14
July 22	Aitkin, Minn.	July 14
July 25	Welland, Ont.	July 7
July 25	Phillips, Wis.	July 14
July 26	Cleveland, Miss.	July 14
July 27	Wisconsin Rapids, Wis.	July 7
Aug. 10	Ottumwa, Ia.	July 7

INDUSTRIAL WORKS

July 18	North Hackensack, N. J. Adv. July 7 and 14.	July 7
July 19	Hartford, Conn.	July 14
July 20	Delaware	July 7

BUILDINGS

July 16	Jersey City, N. J	July 14
July 18	Hartford, Conn.	June 23
July 18	Duluth, Minn.	June 30
July 18	Hamilton, Ont.	July 7
July 18	Saulte Ste Marie, Ont.	July 7
July 18	Paoli, Ind.	July 14
July 18	Portsmouth, Va. Adv. July 7 and 14.	July 14
July 18	Milwaukee, Wis.	July 14
July 19	Mansfield, O.	June 30
July 19	Barnum, Ia.	June 30
July 19	Toulan, Ill.	July 14
July 19	Kansas City, Mo.	July 14
July 19	Joliet, Ill.	July 14
July 19	Topeka, Kan.	July 14
July 20	Fayetteville, N. C.	June 23
July 20	Sioux City, Ia.	June 30
July 20	Allendale, S. C.	July 7
July 20	Faribault, Minn.	July 14
July 21	Bay Village, O.	July 7
July 21	Westborough, Mass.	July 14
July 21	Ottawa, Ont.	July 14
July 22	Baddock, Pa.	June 23
July 22	Harrisburg, Pa.	July 14
July 22	Cleveland, O.	July 14

Bids Close		See Eng. News-Record
July 24	St. Louis, Mo.	July 14
July 25	Shorewood (Milwaukee P. O.), Wis.	July 14
July 26	Winnipeg, Man.	July 7
July 26	Virginia, Minn.	July 14
July 26	Uniontown, Pa.	July 14
July 28	Fairview, O.	July 14
July 28	Omaha, Neb.	July 14
Aug. 1	Superior, Wis.	June 30
Aug. 1	Walkerton, Ont.	July 14
Aug. 2	Harrisburg, Pa. Adv. July 7 and 14.	July 7
Aug. 3	Middleton, N Y Adv. July 14.	July 14
Aug. 8	Magee, Miss.	July 14
Aug. 9	Ironwood, Mich.	July 14
Aug. 11	Asheville, O.	July 14

FEDERAL GOVERNMENT WORK

July 15	Dredging—Baltimore, Md. Adv. June 16, 23, July 7 and 14.	June 23
July 17	Portland Cement — Wash., D. C.	July 14
July 20	Fire Alarm System—New York, N. Y.	July 7
July 20	Dredging—San Francisco, Cal.	July 7
July 20	Dredge Pumps—Galveston, Tex.	July 14
July 22	Dredging — Providence, R. I. Adv. July 7 and 14.	July 7
July 22	Towboat — Vicksburg, Miss. Adv. June 30 to July 14.	July 7
July 22	Repairs to Mechanical Equipment—Wash., D. C.	July 14
July 25	Submerged Riprap Spurs—Galveston, Tex. Adv. June 30 and July 14.	July 14
July 25	Lock Valves — Pittsburgh, Pa. Adv. June 30 to July 14.	July 7
July 27	Sprinkler System—San Diego, Cal.	July 7
July 27	Double Houses—Wheeling, W. Va. Adv. June 30 to July 14.	July 7
July 27	Power Plant Impvts.—Iona Island, N. Y.	July 14
July 27	Storage Buildings—Quantico, Va.	July 14
July 29	Dredging — New York, N Y. Adv. July 7 and 14.	July 7
Aug. 1	Removing Boulder—Providence, R. I. Adv. July 7 and 14.	July 7

MISCELLANEOUS

July 13	Breakwater — Milwaukee, Wis.	July 14
July 18	Sluice Gates—Los Angeles, Cal.	July 14
July 19	Gasoline, etc.—New York, N. Y.	July 14
July 20	Pavilion — Central Islip, N. Y. Adv. July 7 and 14.	July 7
July 20	Asphalt Road Oil, etc. — Brooklyn, N. Y.	July 14
July 20	Paving Gravel—New York, N. Y.	July 14
July 21	Culvert, Ontario	July 7
July 25	Lighting Conduits—Detroit, Mich.	July 14
July 26	Timber Grillage, Training Pier, etc.—Poupore, Que.	July 14
July 30	Pumps—London, Ont.	June 23
Aug. 1	Pier—Phila., Pa. Adv. July 14.	July 14
Aug. 14	Victoria, Australia	June 2

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Wis., River Falls—City, c/o G. Smith, mayor, having plans prepared building new water works system, including filtration plant, pumps and mains. About $20,000. J. H. A. Brahtz, 409 Metropolitan Opera House Bldg., St. Paul, Minn., engr.

Mo., Skidmore—City having plans prepared for reservoir, pumping station and 6-8 in. water mains. About $25,000. E. T. Archer & Co., New England Bldg., Kansas City engrs.

Mo., Wellsville—City plans to lay new water mains and install pumping station. About $40,000. A. Heckart, mayor. Engineer not selected.

Okla., Craig—City having plans prepared for waterworks addition and new 6 and 8 in. mains. Election July 17 to vote on $27,000 bonds for project. E. T. Archer, New England Bldg., Kansas City, Mo., engr.

Okla., Picker—City plans to improve waterworks system, lay new mains and install air lift pump. About $25,000. Engineer not selected.

Okla., Sayre—City voted $68,500 bonds to improve water works system and electric power plant. V. V. Long & Co., Colcord Bldg., Oklahoma City, engrs. Noted June 9.

Ont., Kingsville—Town receives bids end of July extending water mains, involving 2,500 ft. 8 in. c. i. pipe. About $15,000. R. W. Code, 14 London St. W., Windsor, engr.

Ont., Tilbury—Town plans to install four 2 stage centrifugal pumps, gasoline driven, 300 Imp. gal. per minute capacity and possibly one 800 Imp. gal. electric pump, all for 80 to 100 lb. fire pressure. About $30,000.

BIDS DESIRED

N. Y., New York—Until July 20, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., furnishing, delivering and laying water mains and appurtenances in 1st Ave., Dyckman, East 117th, West and Marginal Sts., Manhattan, also Haight, Pierce and Van Nest Aves. and East 138th and Adams Sts., Bronx.

O., Akron—Until July 22, by E. A. Zeisloft, dir. Pub. Serv., Delaware Bldg., constructing 3 mi. of 48 in. pipe line together with appurtenances between Cuyahoga River Crossing south of Kent and Tallmadge Center, Constr. 207. Former bids rejected. G. G. Dixon, 102 East Mill St., engr. Noted June 30.

O., Garfield Heights (Cleveland, P. O.)—See "Sewers."

O., Maple Heights (Bedford P. O.)—Until July 28, by village, laying 32,000 ft. 4-10 in. c.i. water mains in various streets. About 50,000. C. W. Courtney, Leader-News Bldg., Cleveland, engr.

O., West Park—See "Sewers."

S. D., Redfield—Until July 19, by city, building tower, pumping station and centrifugal pumps for new waterworks. About $160,000. Cory & Le Cocq, Aberdeen, engrs. Noted June 9.

Col., Burlington—Until July 25, by city, furnishing and installing deep well pumping equipment. About $13,000. J. M. Hefner, clk. Prince-Nixon Eng. Co., Peters Trust Bldg., Omaha, Neb., engr.

Cal., Los Angeles—Until July 25, by Bd. Supervs. Los Angeles Co. constructing rein.-con. dam in Live Oak Canyon, 3 mi. northeast of La Verne, involving 420 ft. 2 in. c.i. pipe, 6,000 ft. rein.-con. and 2,000 cu.yd. rock excav. Address Flood Control Dist., Hall of Records.

Que., Montreal—Until July 21, by Administrative Comn., furnishing and laying 24 in. water mains from low level pumping station to Verdun. About $90,000. A. E. Doucet, dir. Pub. Wks.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★O., Columbus—W. H. Duffy, dir. Pub. Serv., let contract extending waterworks system, consisting of 8 rapid sand filters having total capacity of 24,000,000 000 gal. daily, also addition to filtered reservoir of about 6,000,000 gal. capacity, etc., to Pitt Constr. Co., Fulton Bldg., Pittsburgh, $362,947. Noted July 7.

O., Willoughby—Village received bids building 6,800 ft. 12 in. c.i. pipe and 106 x 175 ft. concrete equalizing basin, 2,000,000 gal. capacity, from Gangl Constr. Co., 737 2nd Natl. Bldg., Akron, $96,747; Lane & Freeman, Newman Stern Bldg., Cleveland, $107,301; A. S. Hecker Co., Union Ave., Cleveland, $113,093.

★Kan., Arkansas City—City let contract to Smith-Graham Constr. Co., Augusta, extending waterworks system, involving 1,170 lin.ft. 2 in. galvanized w.i. pipe, $ 40 30 314 lin.ft. 4 in. c.i. pipe, $0.90, 5,790 lin.ft. 6 in. $1.15, 1,210 lin.ft. 8 in. $1.70, etc., total cost $41,500. Noted June 16

★Kan., Greenleaf—City let contract improving waterworks system and laying new 4-6 in. mains, to Hybskmann & Wiley, Seneca. About $25,000. Noted April 21.

★Neb., Rulo—City let contract for waterworks machinery, to Merkle Mchy. Co., 508 Interstate St., Kansas City, Mo., $21,995.

★Mo., Brookfield—City let contract building new water supply system, to Ray & Son, Baxter Springs, Kan., $98,376. Noted June 16.

Sewers

PROPOSED WORK

Conn., Wethersfield—City having preliminary plans prepared for sewerage system. About $200,000. Buck & Sheldon Inc., 60 Prospect St., Hartford, engrs.

Pa., Phila.—City soon receives bids building 50,086 ft. brick sewers in York Rd. from Chamlost to Spencer Sts., York Rd. from Spencer to Godfrey Sts., York Rd. from Oak Lane to Chester St., 12th St. from Grange to Nedro Sts., 12th St. from Master to Jefferson Sts., 70th St. from Upland to Kingessing Sts., 70th St. from Elmwood to Buist Sts., 3rd St. from Chew to Grange Sts., 3rd St. from Wyoming Ave. to Roosevelt Blvd., 3rd St. across Oregon Ave., Tioga St. from Cedar to Gual Sts., Tioga St. from Armington to Cedar Sts., 66th St. from Limekiln to 21st Sts., 66th St. from Wister to 21st Sts., 66th St. from Elmwood to Buist Sts., Snyder Ave. from 25th to 28th Sts., Snyder Ave. from 23rd to 24th Sts., Ruscomb Ave. from front to Rising Sun Aves., Ruscomb Ave. from 18th to 19th Sts., Roosevelt Blvd. from 7th St. to North Penn Pike, Roosevelt Blvd. from Rising Sun to Fronf Sts., Oxford St. from Wakeling to Dyre Sts., Oxford St. from 59th to 60th Sts., Oxford St. from 57th to 59th Sts., Atlantic St. from 71st St. to point 157 ft. west, Atlantic St. from F to G Sts., Cedar Pike, Castor Rd., and St. Bernards, Adams, Vine, Shawnee, Sparks, Reese, Ramona, Porter, Osborne, Large, K, Hasworth, Earnest Dyre, Fox, Day, Brill, Basil, Abigale, Rockland, A, Wyncote, Westmoreland, 28th, 21st, 13th, 74th, 72nd, 65th, 17th, 16th, 2nd, 67th, Upland, Haines, 50th, F, Cayuga, August and 54th Sts., Olney, Oregon, Paschall, Moyamensing, Lebanon, Hartwell, Grange, Chester and Abington Aves. F. Caven, City Hall, engr.

Wis., Bloomington—Village having preliminary plans prepared for new sewerage system and septic tank. W. G. Kirchoffer, Vroman Blk., Madison, engr.

Mo., Plattsburgh—City having plans prepared for 2 disposal plants and pipe line. About $50,000. E. T. Archer Co., New England Bldg., Kansas City, engrs.

Mo., Plattsburg—City having plans prepared laying 10-12 in. vitr. tile sewers in various streets. About $50,000. E. T. Archer, New England Bldg., Kansas City, engr.

Ont., London—City had plans prepared building 16,000 ft. vitr. tile storm sewers in Pine Lawn. About $170,000. Bids will be received about July 21 for portion of above work, $100,000. H. A. Brazier, city engr. Noted May 5.

BIDS DESIRED

N. J., Paterson—Until Aug. 2, by Passaic Valley Sewerage Comrs., 128 Market St., Newark, constructing part of Sect. 23, Warren St. Branch Sewer, consisting of Warren St. River-Crossing, here, involving earth excav. and refilling, in trench and open excavations, for 18 in. c.i. pipe line crossing Passaic River, laying 18 in. c.i. pipe line across Passaic River, including

Sewers (Continued)

furnishing of joint materials, making, testing and tightening pipe joints, etc. (commissioners to furnish c.i. pipe); 200 long ton riprap in place and 30 cu.yd. concrete masonry, etc. J. R. Van Duyne, ch. engr.

O., Garfield Heights (Cleveland P. O.)—Until July 22, by city, laying 2,400 ft. 8 in. c. i. sewers and water mains in various streets. About $25,000. R. Hecker, 905 Leader-News Bldg., Cleveland, engr.

O., West Park—Until July 16, by city, building sewers in Munn and Fairwood Rds., West 127th St., Belmont, Williams, Rockport and Herman Aves.; watermains in Sprecher, Carrington, Matherson, Cloverdale, Leella and Wavnefleet Aves. About $75,000. J. Reitz, West Park, engr.

Ill., Elmhurst—Until July 19, by city, constructing 2,790 ft. 15 in. vitr. tile sewers in various streets. About $40,000. F. M. Neumann, clk. E. Hancock, 2047 Ogden Ave., Chicago, engr.

Ill., Rock Island—City receiving bids constructing 8 in. vitr. tile sewers in 9th St. About $25,000. H. M. Schriver, mayor. Private plans.

Wis., Kilbourn—Until July 27, by W. Luettgerodt, village clk., building 2½ x 6 ft. sewer tunnel, 1840 ft. long. W. G. Kirchoffer, Vroman Blk., Madison, engr.

Ia., Central City—Until July 19, by R. D. Minehart, city clk., building 150 ft. 12 in. c.i. pipe, 3,300 ft. 8 in. and 4,300 ft. 12 in. vitr. tile sewers in various streets. H. R. Green, 107 North 2nd St., Cedar Rapids, engr.

Kan., Ft. Scott—Until July 19, by city, building sewers in various streets, involving 8-12 in. pipe, 7,000 cu.yd. excav., 66 manholes. About $45,000. Private plans.

Mo., Mexico—Until July 19, by city, building sewage disposal plant and outfall sewers. About $70,000. Private plans.

Que., Westmount—Until July 23, by secy. treas. building 12 in. vitr. clay pipe sewer in Lansdown Ave. and 18 in. in Belmont Ave. About $25,000. P. E. Jarman, City Hall, engr.

Ont., London—Until July 21, by S. Baker, city clk., building 1,000 ft. 20 in. c.i. sewage force main, 260 ft. of which will be laid under Thames River. About $25,000. H. A. Brazier, city engr.

Ont., Niagara Falls—Until July 25, by W. J. Seymour, city clk., building 7,500 ft. of 6-8 ft. concrete or radial brick trunk sewer in Muddy Run. About $250,000. James, Proctor & Redfern, 36 Toronto St., Toronto, engrs. Noted June 9.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**N. Y., Brooklyn**—E. Riegelmann, boro pres., Boro Hall, let contract repairing sewer in 60th St. between 15th and 19th Aves., to J. S. Cogan Co., 233 Bway., New York City, $208,850. Noted June 30.

Pa., Phila.—City received bids building sewers in (1) 51st St. from Grays Ferry Ave. to Schuylkill River, (a) 6 ft. 6 in. concrete on earth, (b) 6 ft. 6 in. sewer on piles, (c) yellow pine piles in place, (d) additional concrete below sewer depth, (2) Ognotz Ave. from Washington Lane to 79th Ave. N., (a) 5 ft. 6 in. concrete sewer in reduced cradle, (b) 5 ft. 6 in. concrete sewer in hard rock, (c) 4 ft. concrete sewer, (d) 3 ft. diameter sewer with stone block invert, (e) junction chamber complete, (3) Ognotz Ave. from 72nd Ave. E. to Washington Lane, 6 ft. concrete sewer including all appurtenances, (4) Ognotz Ave. from Andrews to 72nd Ave. N., (a) 6 ft. 6 in. concrete sewer, (b) 6 ft. concrete sewer, (5) Ognotz Ave. from 67th Ave. E. to Andrews Ave., 6 ft. 6 in. concrete sewer including all appurtenances, from R. Lombardi, Lincoln Bldg., (1a) $48.60, (1b) $59.57, (1c) $27.60, (1d) $5, (5) $72.23; A. Shofoley, Phila., (1a) $56.50, (1b) $51.03, (1c) $15.40, (1d) $15, (3) $48.26, (4a) $42.15, (4b) 42.15, (5) $48.64; A. A. Pastore, Woodland Ave., (1a) $56.46, (1b) $51.03, (1c) $15.40, (1d) $15; P. Ellis, 334 North 11th St., (2a) $31.65, (2b) $34.85, (2c) $27.15, (2d) $21.65, (2e) 997; D. MacMahon, Phila., (2a) $36, (2b) $37.50, (2c) $26, (2d) $22.50, (2e) $1.150, (3) $59.50; O'Neill Co., Weightman Bldg., (2a) $35, (2b) $35, (2c) $27, (2d) $23, (2e) $1,600; L. Mark, 7th St. and North East Blvd., (3) $49, (4a) $42, (4b) $43; F. T. Buckius, Jr., Kensington and Deal Sts., (4a) $65, (4b) $63.50; L. Haines, Phila., (5) $49.

Pa., Sayre—Boro received bids building sewers, involving (a) 1,936 ft. 8 in. vitr. sewer in Bradford St., (b) 120 ft. 8 in. c.i. sewer in Bradford St., (c) 492 ft. 8 in. sewer in Draper St., (d) 664 ft. 10 in. vitr. sewer in Spring St., (e) 957 ft. 8 in. vitr. sewer in Hoover St., (f) 169 ft. 10 in. vitr. sewer in Spring St. (R.R.), (g) 180 ft. 10 in. c.i. sewer in Spring St., (h) 609 ft. 10 in. vitr. sewer in Lehigh Ave., (i) 426 ft. 10 in. vitr. sewer in Seneca St., (j) 1,221 ft. 8 in. vitr. sewer in Maple St., (k) 1,953 ft. 8 in. vitr. sewer in Wilbur Ave., from Connors-McGreevy, Elmira, (a) $1.93 per ft., (b) $8, (c) $1.58, (d) $2.84, (e) $1.90, (f) $2.84, (g) $9, (h) $1.80, (i) $1.40, (j) $1.80, (k) $1.60; Meadow-McCarthy Co., Harrisburg, (a) $2, (b) $2.50 (c) $1.90, (d) $3, (e) $2, (f) $3, (g) $2.75, (h) $2.75, (i) $1.65, (j) $2, (k) $1.90; E. W. Walsh, Elmira, (a) $1.44, (b) $4.50, (c) $1.29, (d) $2.76, (e) $1.44, (f) $2.55, (g) $5.50, (h) $1.333, (i) $1.24, (j) $1.59, (k) $1.35. Noted June 23.

★**O., Cleveland**—City let contracts building 4,880 ft. 3-7 ft. brick sewer in Central Ave. from East 14th to East 55th Sts., Sect. 1, to Gallagher-Burke Co., 1339 Irene Ave., $47,630, Sect. 2, to S. Amato, 343 The Arcade, $35,541. Noted July 7.

O., West Park—Ford Realty & Constr. Co., Cadillac Bldg., Cleveland, received bids laying 28,450 ft. 12-30 in. vitr. tile sewers, etc., in 18 streets, here from N. Iafornaro, 3218 Murray Hill Rd., Cleveland, $117,-274; A. Marra, Ullmer Bldg., Cleveland, $124,647.

Mich., Detroit—City received bids building lateral sewers (1) 3457, (2) 3458, (3) 3465, (4) $3466, (5) 3470, (6) 3471, (7) 3473, (8) 3475, (9) 3483, (10) 3485, (11) 3486, (12) 3487, (13) 3488, (14) 3493, from Liberty Constr. Co., 917 Chamber of Commerce Bldg., (1) $8,900; Western Constr. Co., 1208 Ford Bldg., (1) $8,969, (5) $21,-890, (6) $29,589, (7) $10,200, (8) $5,200, (9) $15,500, (12) $7,765, (14) $23,349; Langley & Barton, 3714 Lincoln Ave., (1) $9,000, (6) $30,000; Detroit Drainage Constr. Co., Penobscot Bldg., (2) $14,200, (3) $8,400, (4) $6,600, (10) $10,000, (11) $8,700; J. Zuccolo, 400 Penobscot Bldg., (2) $12,932, (3) $8,542, (10) $9,157, (11) $8,757; A. Arcari, 400 Penobscot Bldg., (2) $12,746, (10) $8,427, (11) $8,063; L. Kevorkian, Detroit, (3) $6,402, (4) $6,191, (9) $13,732; H. Fortuna, 4422 St. Aubin Ave., (4) $5,400; R. D. Baker, 1631 Elmhurst Ave., (5) $23,000, (6) $30,000, (7) $9 590, (8) $4,500, (9) $14,000, (12) $7,000, (14) $24,592; Oakwood Constr. Co., 165 Fort Blvd., (5) $21,000, (6) $30,000, (7) $10,000, (13) $8,000; Detroit Contg. Co., 827 Ford Bldg., (8) $5,184, (12) $7,956, (13) $7 552, (14) $25,865; V. Teetaert, 5230 Notre Dome St., (13) $9,827.

★**Ill., Aurora**—City let contract constructing system in Northeast Sewer Dist., involving 7½ mi. 8-36 in. tile pipe, 3,180 ft. 42 in. concrete, 1,600 ft. 48 in. segmental block, etc., to E. R. Harding Co., 400 Robinson Bldg., Racine, Wis. About $200,000.

★**Ill., Rock Island**—City let contract constructing 8 in. vitr. tile sewers in 17th and 25th Sts.; to P. F. Trenkenschak, 1535 14½ st. About $25,000.

★**Minn., Duluth**—City let contract constructing sanitary outlet sewers in Zimmerly, Hulett, Clyde, Zagebic, 93rd, 92nd and 88th Aves., involving 8 583 ft. 6-24 in. vitr. pipe, to C. R. McLean, 307 1st Natl. Bank Bldg., $30,377. Noted June 30.

★**Kan., Arkansas City**—City let contract to C. H. Everett, Hutchinson, building sanitary sewers in Dist. 6, involving 35,374 lin.ft. 8 in. vitr. pipe $1.20, 4,446 lin.ft. 19 in. $1.35, 2,268 lin.ft. 12 in. $2.60, 1,720 lin.ft. 15 in. $2.90, 365 lin.ft. 21 in. $4.25, 3,010 lin.ft. 24 in. $5.25, 1,331 lin.ft. 30 in. $10, 295 lin.ft. 8 in. Class A c.i. pipe, $4, etc., total $111,445. Noted June 16.

★**Cal., Los Angeles**—City let contract constructing sewer in Indiana St. Sewer Dist., involving 2,967 ft. 18-21 in. rein.-con. pipe, 6,109 ft. 18 in. standard pipe, etc., to Dalmatin & Tuho, 818 East 40th St., $70,215.

★**Ont., Bowmanville** — See "Streets & Roads."

★**Ont., St. Catharines**—City let contract building 9,200 ft. concrete and tile storm sewers, to P. Mohan, 36 Belgrave Pl., London, and Mitchell Contg. Co., London. Noted June 2.

★**Ont., Sandwich**—See "Streets & Roads."

Bridges

PROPOSED WORK

Ala., Scottsboro—Jackson Co. had plans prepared by State Highway Dept., Montgomery, for 133 ft. steel span over Hill Mill Creek, total length 200 ft., 12 ft. roadway. L. G. Smith, Montgomery, bridge engr.

Fla., White Springs — State Highway Comn., Tallahassee, rejected bids opened June 10, building Gully Bridge, here. Bridge to be re-designed. C. A. Browne, state highway engr. Noted June 16.

Illinois—Until July 19, by Dept. Pub. Wks. and Building, Div. Highways, Springfield, constructing 2 concrete bridges Sect. 55-B, Route 3, Greene Co.; 4 concrete bridges Sect. 22-B, 3 bridges Sect. 22-B and 7 bridges Sect. 23-B, all concrete Route 5, Stephenson Co.; 1 concrete bridge, Combination J, Route 5, Tazewell Co.; 1 steel superstructure, Sect. 27-B, 1 steel superstructure, Sect. 27-C and 1 steel bridge, Combination K, all Route 10, Sangamon Co.; 6 bridges, Sect. 6-B and 2 bridges Sect. 7-B, both concrete, Route 13, Williamson Co.; 1 steel substructure, Sect. 8-B, 1 steel superstructure, Sect. 8-C and 1 steel bridge, Combination M, all Route 13, Saline Co.; 9 concrete bridges, Combination L, Route 13, Williamson-Saline Co.; 1 steel bridge, Sect. 13-B, Route 18, Kendall Co.; 2 concrete bridges, Sect. S, 7 concrete bridges, Sect. T and 1 steel bridge, Sect. U, all Macoupin Co.; 1 concrete bridge, Sect. F, Adams Co. C. Older, ch. highway engr.

Kan., Garden City — Finney Co. had plans prepared for Pierceville Bridge, 180 ft. long, to have six 30 ft. spans, involving 43.5 cu.yd. rein.-con., 72,924 ton structural steel and 9,852 ft. lumber; Holcomb Bridge, 60 ft. long, to have two 30 ft. spans, 14.5 cu.yd. rein.-con., 24,308 lb. structural steel and 3,284 ft. lumber. B. L. Allen, Garden City, engr.

Missouri—State Highway Dept., Jefferson City, plans to build pony truss superstructure over Shoal Creek at Sta. 1780 plus 64 on Granby-Monett State Rd., Federal Aid Project 155, Newton Co., involving 167.3 cu.yd. Class A, 134.1 cu.yd. Class B and 75.6 cu.yd. Class C concrete, 27,390 lb. reinforcing and 78,850 lb. fabricated structural steel, etc. About $25,300. A. Graham, state highway engr.

Missouri—State Highway Dept., Jefferson City, plans to build two 150 ft. steel truss and two 60 ft. pony truss approach spans, over Platte River, at Sta. 629 plus 56 on state road from Dearborn to Platte City, involving 210.1 cu.yd. Class B and 207.1 cu.yd. Class C concrete, 194,600 lb. fabricated structural and 6,390 lb. reinforcing steel, etc. About $63,044. A. Graham, state highway engr.

Mo., Paris—Comrs. Monroe Co. plans to build steel truss span, concrete abutments, over Long Branch. About $25,000. Engineer not selected.

Mo., Poplar Bluff—City having plans prepared building steel span bridge, concrete abutments. About $25,000. E. C. Nickey, Poplar Bluff, engr.

Cal., San Bernardino—City having plans prepared for rein.-con. bridge, to have two 71 ft. spans, over Lytle Creek on Mt. Vernon Ave. About $25,000. C. E. Johnson, City Hall, engr.

Que., Montreal—City plans to build bridge over Canadian Pacific R.R. tracks on Sherbrooke St., E. About $250,000. E. Blanchard, city engr.

Ont., London—Dept. Provincial Highways, Parliament Bldgs., Toronto, had plans prepared for 210 ft. ornamental steel bridge over Holmes River. About $40,000. G. Hogarth, Parliament Bldgs., Toronto, engr.

BIDS DESIRED

N. Y., Newport—Until July 28, by M. J. Folnsbee, supt. highways, Newport, building 2 span, open spandrel, concrete arch bridge, over West Canada Creek, ½ mi. south of Poland. E. J. Boyle, 95 State St., Capitol, Albany, consult. engr.; advertised in this issue.

New Jersey—Until July 27, by State Highway Dept., Broad St. Bank Bldg., Trenton, building bridges and culverts, on Route 12, Sect. 1, beginning at Pine Brook and ending at Parsippany, Morris Co., in municipalities of Montville and Hanover. C. A. Mead, 790 Broad St., Newark, bridge engr.; advertised in this issue.

N. J., Shrewsbury—Until July 27, by State Highway Dept., Broad St. Bank Bldg., Trenton, building Bridge 57, M. P. 87.6 on Route 4, Sect. 5, Mammoth Co. C. A. Mead, 790 Broad St., Newark, bridge engr; advertised in this issue.

Pa., Pittsburgh—Until July 19, by city, building parapet, roadway slabs and concrete protection for 275 ft. bridge over Pennsylvania R.R. tracks, on Centre Ave. About $35,000.

Bridges (Continued)

Fla., Chattahoochee—Until July 26, by State Rd. Dept., Tallahassee, building approach spans to Apalachicola River Bridge (now under construciton), on State Rd. 1, near here. Bids will be considered on creosoted timber trestle approach spans on both ends, and on rein.-con. spans for east end. Both approaches involve 880,000 ft. No. 12 creosoted timber and 60,000 lin.ft. No. 12 creosoted piling; eastern approach involves 1,775 cu.yd. Class A and 300 cu.yd. Class B concrete, and 395,000 lb. reinforcing steel. C. A. Browne, state highway engr. Noted May 5.

Ga., Elberton—Until July 19, by J. Y. Swift, chn. Comrs. Elbert Co., building 72 ft. 3 span bridges over Dry Fork Creek, involving 64 cu.yd. Class A and 51 cu.yd. Class B concrete, 14,674 lb. reinforcing steel, etc. J. J. Goodwyn, Jr., Court House, Athens, engr.

★**Wis., Kenosha**—City let contract constructing (1) concrete abutments and approaches (2) raising and moving water main across bridge, on Middle St., to Grieling Gros., Co., Green Bay, (1) $49,884 (2) $9,769.

Ia., Greenfield—Until July 27, by Auditor Adair Co., for 10 box culverts, 1 I-beam bridge and 1 pony truss bridge.

Ia., Audubon—Until July 19, by Auditor Audubon Co. for bridge and culvert work involved in Federal Aid Project 52, from Exira north to Carroll Co. line.

Ia., Atlantic—Until July 26, by Auditor Cass Co., for 4 box culverts, 2 circular concrete culverts, 3 I-Beam bridges and 1 pony truss.

Tex., Shamrock—Until July 25, by L. D. Miller, judge Wheeler Co., (Wheeler), building 1,380 ft. pile trestle over North Fork of Red River about 3¾ mi. from here. P. V. V. Pennybacker, co. engr.; advertised in this issue.

Cal., El Monte—Until July 25, by Bd. Supervs. Los Angeles Co, (Los Angeles), building 550 ft. rein.-con. bridge, girder type, to have nine 54 ft. and two 32 ft. spans, over Rio Hondo, near here. About $130,000.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., Lynn**—Metropolitan Dist. Comn., 18 Tremont St., Boston, let contract building 663 ft. bridge, pile bents, wood frame, 42 ft wide, over Saugus River, to Genl. Electric Co., Main St. About $33,000. Noted July 7.

N. Y., Troy—C. L. Cadle, supt. Pub. Wks., Capitol, Albany, received bids July 1, building bridge across Hudson River between 112th St., here, and Ontario St., Cohoes, from Terry & Tench, Grand Central Terminal, New York City, $562,197; Seeds & Derham, 6320 Wissahickson Ave., Phila., $563,860; Vang Constr. Co., Cumberland, Md., $569,789. Noted June 9.

★**New Jersey**—State Highway Dept., Broad St. Bank Bldg., Trenton, let contract repairing bridge over Matawan Creek, M.P. 101.2 on Route 4, Sect. 4 in Matawan and Keyport, Monmouth Co., to F. W. Schwiers, 90 West St., New York City, $69,900. Noted June 23.

★**Pa., Bethlehem**—Pub. Service Comn. of Commonwealth of Pa., Harrisburg, let contract building bridge across Lehigh River, to Rodgers & Hagerty, Inc., 103 East 125th St., New York City, $2,568,000. Noted June 2.

★**Pa., Homestead**—Allegheny Co. (Pittsburgh) let contract reinforcing bridge, here, (1,300 ft. long, 30 ft. wide), new decking and wooden creosoted block paving, to Independent Bridge Co., May Bldg., Pittsburgh. About $90,000.

★**Pa., Pittsburgh**—City let foundation and steel contract for 275 ft. bridge over Pennsylvania R.R. tracks, on Centre Ave., to Hughes-Foulkrod Co., Oliver Bldg. About $50,000.

Va., Snowden—State Highway Comn., Richmond, received bids building 645 ft. bridge over James River, Federal Aid Project 48-D, between Amherst and Bedford Counties, involving 58 cu.yd. Class A and 513 cu.yd. Class B concrete, 16,480 lb. reinforcing steel, from J. E. Lane & Co., Altavista, $44,743; A. N. Campbell, Lynchburg, $47,578; Roanoke Iron & Bridge Wks., Roanoke, $52,742.

★**Florida**—State Highway Comn., Tallahassee, let contracts to Pensacola Shipbuilding Co., Little Bayou St., Pensacola, building bridge over Alapaha River, $73,049, over Suwannee River, $45,421, over Little St. Mary's River, $29,923, over Choctawhatchee River, $142,006; to Prayton, Howton & Wood, Albany, Ga., bridge over Swift Creek, $6,108; to Ryde & Baxter, 711 13th St., N. W., Wash., D. C., 2 bridges over Bullfrog Creek, $33,121; to Luten Bridge Co., West Market St., York, Pa., bridge over Little Manatee River, $50,575. Noted June 16.

★**Tennessee**—See "Streets and Roads."

★**Tennessee**—State Highway Comn., Nashville, let contract building 0.454 mi. bridges and approaches, Federal Aid Project 83, Marshall Co., to T. Worthington & Co., 907 1st Natl. Bank Bldg., Birmingham, Ala., $54,023.

★**Wis., Rice Lake**—City let contract building 225 ft. rein.-con. bridge to have 24 ft. roadway and two 6 ft. walks, to Stein Constr. Co., 204 Grand Ave., Milwaukee. About $36,802. Noted July 7.

Wis., Wisconsin Rapids—State Highway Comn., Madison, received bids building Wisconsin Rapids Bridge, 543 ft. long, from C. R. Meyer, 50 State St., Oshkosh, $132,800; Miller Fifield Co., Waterloo, Ia., $146,666; Wausau Iron Wks., Wausau, $147,400. Noted June 16.

★**Kan., Labette**—Comrs. Oswego Co. let contract building one 140 ft. bridge, having two 70 ft. arches, involving 15 cu.yd. rein.-con., 410 cu.yd. concrete, 47 ton steel, 1,030 cu.yd. dry earth, 670 cu.yd. wet earth and 40 cu.yd. rock excav., to Western Bridge Co., Harrisconville, Mo., $36,158.

★**Tex., Wharton**—Wharton Co. let contract building 800 ft. rein.-con. trestle bridge, 18 ft. wide, over San Bernard River, to Walsh & Burney, Hicks Bldg., San Antonio, $56,346. Noted July 7.

★**Wash., Cicero**—Snohomish Co., Everett, let contract building 240 ft. steel span over Stillaguamish River near here, to R. E. Meith, Everett, $27,477. Noted May 5.

Streets and Roads

PROPOSED WORK

N. Y., Lackawanna—City voted $200,000 bonds to pave Ridge Rd., Warsaw and Center Sts. J. V. O'Connor, City Hall, clk.

N. J., Mt. Holly—Bd. Freeholders Burlington Co., plans to pave 2 mi. road from Edgewater Park to Burlington, 20 ft. wide, sheet asphalt. About $60,000. J. J. Logan, Mt. Holly, engr.

Pennsylvania—State Highway Dept., Harrisburg, rejected bids June 21, building Route 82, Crawford Co. and Route 304, Erie Co. Noted June 30.

North Carolina—State Highway Dept., Raleigh, plans to clear, grub, drain, grade, bridge and topsoil 14½ mi. road from Millers Creek to Summit of Blue Ridge, State Project 611, Wilkes Co., about $75,000, 22 mi. road from Mecklenburg Co. line via Mooresville to Statesville, State Project 587, Iredell Co., $125,000; 1½ mi. road between Federal Aid Project 55 A and Charlotte, State Project 589, Mecklenburg Co., $50,000. C. Upham, state highway engr.

North Carolina—State Highway Dept., Raleigh, plans to clear, grub, drain, grade, bridge and topsoil 18 mi. road from North Wilkesboro to Mulberry Gap, State Project 610, Wilkes Co., about $100,000; grade, drain and hard surface 2.9 mi. road from Thomasville to Guilford Co. line, State Project 592, Davidson Co., $90,000. C. Upham, state highway engr.

North Carolina—State Highway Dept., Raleigh, plans to clear, grub, drain, grade and topsoil 14½ mi. road from end of Federal Aid Project 61 A, near Navassa, to Columbus Co. line, State Project 597, Brunswick Co., about $85,000, 15 mi. road from Greenville to Edgecomb Co. line, near Bethel, State Project 606, Pitt Co., $80,000, 6 mi. road from Mayo Creek to Virginia State line near Virginia, State Project 594, Person Co., $30,000; clear, grub, grade, drain, bridge and topsoil 16 mi. road from Williamston to Pitt Co. line, State Project 603, Martin Co., $85,000, 23 mi. road from Brunswick Co. line to Wassamaw Station, State Project 598, Columbus Co., $120,000; grade, drain, and hard surface 12 mi. road from end of Federal Aid Project 65 to Lenoir Co. line, State Project 607, Pitt Co., $65,000, 2.4 mi. road from point 12 mi. north of Elizabeth City to South Mills, State Project 605, Pasquotank Co., $75,000; grade, drain and pave with concrete or some asphaltic type 7 mi. road from Garner to Johnston Co. line, State Project 520, Wake Co., $215,000, 7 mi. road from Snow Hill to Lenoir Co. line, State Project 599, Greene Co., $215,000; grade, drain, bridge and gravel surface 4 mi. road between Federal Aid Project 99 and 110, State Project 522, Orange Co., $25,000. C. Upham, state highway engr.

Fla., Ocala—City rejected bids opened June 28, paving 16 mi. various streets, brick or asphalt. About $150,000. Noted June 16.

Tenn., Johnson—City plans to pave and improve various streets. About $300,000. C. Dyer, Johnson City, engr.

Ill., Troy—City having plans prepared grading, draining and surfacing various streets, bituminous macadam. About $30,000. W. E. Howden, clk. Private plans.

Wis., Shorewood (Milwaukee P. O.)—Village plans to pave Shorewood, Farwell and Frederick Aves., Cramer and James Sts., involving 15,000 sq.yd. concrete. F. W. Ullius, Jr., 1288 Murray Ave., engr.

Kan., Augusta—City plans to pave 3,000 ft. Walnut and 7th Sts., brick, involving 2,000 cu.yd. earth excav. and 6,000 lin.ft. concrete curbing. About $50,000. Ruckel Eng. Co., Hutchinscon, engr.

Missouri—State Highway Dept., Jefferson City, plans to build 2.25 mi. state road from Springfield to Memphis, Federal Aid Project 184, Wright Co., involving 5,394 cu.yd. earth excav., 23,760 sq.yd. gravel, etc. About $28,435. A. Graham, state highway engr.

Missouri—State Highway Dept., Jefferson City, plans to build 1.04 mi. state road from Hopewell northward, State Aid Project S 20.66, Warren Co., involving 9,905 cu.yd. earth and 5,569 cu.yd. rock excav., 2,168 cu.yd. borrow and 8.8 cu.yd. Class C concrete masonry, cost $23,174; 2 mi. Gravois State Rd., State Aid Project S 20.64, Jefferson Co., 4,721 cu.yd. earth excav., 18,844 sq.yd. reconstructed base course, and specification A gravel pavement, 37.1 cu.yd. Class B and 26.2 cu.yd. Class C concrete masonry, etc., $21,208. A. Graham, state highway engr.

Mo., Cape Girardeau—City having plans prepared rein.-con., paving and concrete curbing and guttering Bway., Main and Independence Sts. About $25,000. E. Sailor, Cape Girardeau, engr.

Mo., Chillicothe—City plans to suface East Clay, South Vine and Walnut Sts., tarvia on concrete base. About $75,000.

Mo., Chillicothe—City plans to pave and curb 3 mi. alley from Calhoun to Polk Sts., 18 ft. wide, verticle fibre brick on 5 in. concrete base, oak curbing. About $30,000. O. Cook, clk. Engineer not selected.

Mo., Clinton—Henry Co. had plans prepared grading and building concrete bridges on 15 mi. Deepwater Rd., Federal Aid 127, involving 55,032 sq.yd. Joplin chats, 23,188 cu.yd. earth excav. and 8,549 lb. reinforcing steel, cost $93,785; 14 mi. Warrensburg Rd., Federal Aid Project 128, 30,188 cu.yd. earth and 450 cu.yd. rock excav. and 18,218 lb. reinforcing steel, $34,793. G. B. Park, co. engr.

Mo., Columbia—Boone Co. having plans prepared grading and gravel surfacing 22 mi. various roads. About $230,000. H. R. Brown, Columbia, engr.

Mo., Dawson—City c/o Special Rd. Dist. plans to grade and surface various roads, bituminous macadam. About $35,000. Engineer not selected.

Mo., Jasper—Jasper Co. (Carthage) plans election to vote on $40,000 bonds to improve 10 mi. road from here to Barton Co. line, Jasper Special Rd. Dist. W. R. Shanklin, 715-16 Frisco Bldg., Joplin, consult. engr.

Mo., Moberly—City plans to resurface various streets, brick or asphalt. About $35,000. J. F. Curry, clk. Engineer not selected.

Mo., Poplar Bluff—City having plans prepared improving 2nd and Spring Sts., concrete monolithic pavement, concrete curbs and gutters. About $50,000 and $75,000 respectively. E. C. Nickey, Poplar Bluff, engr.

Mo., Webb City—City, c/o Special Rd. Dist. Comn., plans to pave 2 mi. Madison St. from West to Main Sts., 24 ft. wide, brick or asphalt on concrete base. About $40,000. Engineer not selected.

Streets and Roads (Continued)

Mo., Weston—City having plans prepared surfacing various streets, involving 30,000 sq.yd. brick or asphalt on concrete base. About $150,000. G. A. Stockley Eng. Co., Graphic Arts Bldg., Kansas City, engrs.

N. D., Grafton—City plans to pave 20 blocks. About $80,000. H. J. Johnson, clk.

Ark., Little Rock—City plans to hard surface 2 mi. Prospect Ave. from Stift Sta. to city limits. J. H. Rice, City Hall, engr.

Col., Denver—City plans to pave 3 mi. West 44th Ave., Paving Dist. 1, asphalt. Cost $26,318. J. B. Hunter, City Hall, engr.

Cal., Pomona—City will sell $200,000 bonds July 19 to build roads. T. R. Trotter, clk.; advertised in this issue.

Que., Montreal—City plans to pave Belanger St. from Christopher Columbus to Drolet Sts., cost $49,960; Cote de Neiges Rd., $229,404; St. James St. W., $36,300; Sanguinet St. from Craig to Sherburne Sts., $57,690, all asphalt. E. Blanchard, city engr.

Que., Montreal—City plans to pave 1,320 ft. St. Hubert St. from Sherbrooke to Roy Sts., cost $25,240; St. Andre St. from Chenier to Roy Sts., $6,404; Chenier St. from St. Denis to Amherst Sts., $32,287, all asphalt. E. Blanchard, city engr.

Ont., Sandwich—Town having plans prepared and soon receives bids paving Rankin Ave. from London to Wyandotte Sts., involving 4,400 cu.yd. excav., 3,700 sq.yd. grading, 6,387 sq.yd. concrete pavement. About $26,000. E. R North, clk. C. R. McCall, 7 Gas Bldg., Windsor, engr.

Ont., Simcoe—Town receives bids about July 23, building concrete pavements. About $85,000. G. R. Marston, Simcoe, engr.

Ont., Windsor—City soon receives bids building 350,000 sq.ft. granolithic concrete sidewalks. Bonds for $90,000 voted for project. M. E. Brian, city engr.

BIDS DESIRED

Massachusetts—Until July 26, by State Highway Dept., Boston, paving 2,750 ft. state highway, in Plympton, 18 ft. wide, bituminous concrete, cost $25,000; 7,300 ft. in Pembroke, 18 ft. wide, bituminous concrete, $55,000; 9,600 ft. in Holden, 18 ft. wide, bituminous macadam, $65,000; 16,060 ft. in Hardwick, bituminous macadam, $110,000; 7,200 ft. in Littleton, 18 ft. wide, bituminous concrete, $55,000; 7,650 ft. in North Adams, 20 ft. wide, rein.-con., $75,000. A. W. Deane, 413 Statehouse, Boston, highway engr.

N. Y., Fulton—Until July 27, by G. W. Hacke.t, comr. Pub. Wks., paving South 4th, West 2d, Hart and South 5th Sts.; advertised in this issue.

N. Y., Long Island City—Until July 20, by M. E. Connolly, pres. Queens Boro, 68 Hunterspoint Ave., regulating, curbing and laying sidewalks on (1) Manly St. from Thomson to Hunterspoint Aves., 1st Ward; curbing, recurbing and paving (2) 7th Ave. from Grand to Flushing Aves., 1st Ward, sheet asphalt on 6 in. concrete foundation; regulating and grading (3) Van Pelt St. from Queens Blvd. to Skillman Ave., 1st Ward. (4) Fiske Ave., 2nd Ward from Grand St. to northerly curb line of Falkner St., partially grading to temporary grade extending thence to line parallel with and about 39 ft. southeasterly from northwesterly house line of Mueller St., regulating, grading and laying gutters from Willow Ave. to Mueller St., curbing, flagging and laying crosswalks from Burrough Ave. to Mueller St., in Jay Ave., 2nd Ward; regulating and paving (5a) Cherry (Cypress) Ave. from Parsons Ave. to Phlox (Amber) Pl., (b) Burlington St. from Cherry (Cypress) Ave. to property line about 100 ft. southeasterly, etc., preliminary pavement of bituminous macadam; regulating and repaving (6) 7th Ave. from 6th to 13th Sts. and 28th St. from 4th to 7th Aves., Whitestone, 3rd Ward; regulating, grading, curbing, laying sidewalks, paving and building sewer basins in (7) 80th St. (Leggett Ave.) from Park Lane south to Jamaica Ave., 4th Ward.

N. Y., New York—Until July 21, by Park Bd. at office of Dept. Parks, Municipal Bldg., repaving West Drive System south of 102nd St. in Central Park, sheet asphalt on existing concrete foundation. F. D. Gallatin, pres.

N. J., Freehold—Until July 19, by Boro Council paving West Main St. and portion of Court St., rein.-con. G. D. Cooper, 60 Broad St., Red Bank, civil engr.; advertsed in this issue.

N. J., Mt. Holly—Until July 29, by Bd. Freeholders Burlington Co., reconstructing Mt. Holly-Burlington Rd., sheet asphalt, in Northampton, Westampton, and Burlington Twps. and Burlington City. J. Logan, 11 Main St., co. engr; advertised in this issue.

N. J., New Brunswick—Until July 28, by Bd. Freeholders Middlesex Co. improving Livingston Ave., North Brunswick Twp. A. B. Fox, 175 Smith St., Perth Amboy, engr.; advertised in this issue.

N. J., Sewaren—Until July 28, by Bd. Freeholders Middlesex Co. (New Brunswick), improving Sects. 1 and 2 West Ave., Woodbridge Twp. A. B. Fox, 175 Smith St., Perth Amboy, engr.; advertised in this issue.

Pa., Pittsburgh—Until July 19, by city, repaving East St. from Royal to Creek Sts., sheet asphalt. About $64,000.

Maryland—Until July 19, by State Highway Comn., 601 Garrett Bldg., paving state highway in Baltimore City, Prince George, Cecil and Queens Counties. J. N. Mackall, chn.; advertised in this issue.

Virginia—Until July 22, by Clerk Madison Co., (Madison), surfacing 8.3 mi. Culpepper Rd. between Madison Cemetery and Culpepper Co. line, waterbound macadam and gravel with alternative on 4 mi. of hand broken rock; Liberty Mills Pike between Liberty Mills and O. Neals Crossing, 6 mi. gravel and 3.4 mi. waterbound macadam, for State Highway Comn., 116 South 3rd St., Richmond.

North Carolina—State Highway Dept., Raleigh, receiving bids grading road between Wilkesboro and Laurel Springs, Wilkes Co., about $25,000; road between Wilkesboro and Jefferson, Wilkes and Ash Counties, $25,000; road between Wilkesboro and Boone, Wilkes and Watauga Counties, $150,000. Informal bids desired for furnishing grading equipment, including teams, on per diem basis. C. M. Upham, state highway engr.

North Carolina—Until July 20, by State Highway Comn., at div. office, Charlotte, grading, scarifying and reshaping 2.28 mi. road, State Aid Project 591, Union Co., involving 3,330 cu.yd. fine grading, 18,735 sq. yd. topeka or sheet asphalt, reshaping 3,700 sq.yd. old macadam, etc. About $62,000.

North Carolina—Until July 21, by State Highway Comn., at div. office, Tarboro, grading and paving 9.57 mi. State Aid Project 609, Pitt Co., involving 9,975 cu.yd. fine grading, 89,660 sq.yd. 1 course concrete, or 89,660 sq.yd. concrete base and header course with 84,060 sq.yd. topeka or sheet asphalt. About $260,000. C. Upham, Raleigh, state highway engr.

S. C., Camden—Until July 28, by Comrs. Kershaw Co., grading and surfacing 8.88 mi. Camden-Bishopville Rd., involving 49,769 cu.yd. common excav., 21,865 cu.yd. sand clay surfacing. J. D. Gregory, Camden, engr.

S. C., Orangeburg—Until July 26, by Comrs. Orangeburg Co., clearing, grubbing, grading and surfacing 19.88 mi. road from Orangeburg to Charleston, involving 55,349 cu.yd. excav., 48,932 cu.yd. sand clay surfacing, etc. Address L. K. Sturkie, Orangeburg.

Ga., Elberton—Until July 19, by J. Y. Swift, chn. Comrs. Elbert Co., building 6 mi. State Route 17, Federal Aid Project 225, involving 927 lin.ft. 15-30 in. pipe, 34,574 cu.yd. earth and 1,100 cu.yd. rock excav., 13,950 cu.yd. clay gravel surfacing, etc. State to furnish necessary cement f. o.b. nearest R.R. siding. R. T. Goodwyn, Jr., Court House, engr.

Alabama—Until Aug. 2, by State Highway Dept., Montgomery, grading, draining and surfacing 4,767 mi. road from Lanett to Fairfax, Chambers Co., involving 3.166 acres clearing and grubbing, 14,161 cu.yd. common and 1,300 cu.yd. rock excav., 13,980 cu.yd. gravel surfacing, 71.33 cu.yd. Class B concrete, etc.; 10.765 mi. road from Greenville to Lowndes Co. line, Butler Co., involving 32.62 acres clearing and grubbing, 73,745 cu.yd. common and 700 cu.yd. rock excav., 33,700 cu.yd. sand clay surfacing, 15,000 sq.yd. mixing sand clay, 96.85 cu.yd. Class B and 80.79 cu.yd. Class A concrete, etc. W. S. Keller, state highway engr. Noted June 2 and 30.

Ohio—Until July 22, by L. C. Herrick, dir. Highways and Pub. Wks., Columbus, grading, draining and paving 2.164 mi. Sect. F Woodsfield-Sistersville Rd., I. C. H. 387, Monroe Co., (A1 or T1) bituminous macadam on rolled base, cost $121,598; 3.765 mi. Sect. R Cadiz-Dennison Rd. I. C. H. 370, Harrison Co., (T1) bituminous macadam on rolled base, $156,356.

O., Akron—Until July 25, by Comrs. Summit Co. grading approach to viaduct, involving 80,400 cu.yd. earth excav. About $40,000. C. J. Costigan, Court House, engr.

O., Garfield Heights (Cleveland P. O.)—Until July 22, by city, paving East 52d St., involving 17,852 sq.yd. asphalt on 6 in. concrete base and 1,447 lin.ft. stone curb and tile gutter. About $32,000. R. Hecker, Leader-News Bldg., Cleveland, engr.

O., West Park—Until July 16, by city, grading and paving Elsienna, West 118th, West 123rd, West 120th, West 127th and West 122nd Sts. About $75,000. J. Reitz, Town Hall, engr.

Mich., Grand Rapids—Until July 19, by Bd. Rd. Comrs. Kent Co., grading, draining and surfacing 2.024 mi. Assessment Dist. Rd. 33, involving 11,640 cu.yd. excav., 21,375 sq.yd. concrete or bituminous concrete. O. S. Hess, Grand Rapids, engr.

Illinois—Until July 19, by Div. Pub. Wks. and Buildings, Div. Highways, Springfield, paving 2.55 mi. Sect. 1-I Project 7, La Salle Co., 18-20 ft. wide; 0.81 mi. Sect. 2-A, Route 2, Jackson Co., 30 ft. wide; 2.6 mi. Sect. 55-A, Route 3, Greene Co., 30 ft. wide; 0.46 mi. Sect. 57-A, Route 3, Jersey Co., 30 ft. wide; 2.11 mi. Sect. 21-A, 3.02 mi. Sect. 22-A, 5.13 mi. Combination A, 2.53 mi. Sect. 23-A and 7.66 mi. Combination B, all Route 5, Stephenson Co., 32 ft. wide; 2.57 mi. Sect. 4-A, 3.7 mi. Sect. 5-A and 6.27 mi. Combination C, all Route 9, Woodford Co., 30 ft. wide; 2.18 mi. Sect. 5-X, Route 10, Piatt-Champaign Co., 32 ft. wide; 3.9 mi. Sect. 6-X and 1.44 mi. Sect. 7-X, both Route 10, Champaign Co., 32 ft. wide; 7.52 mi. Combination D, Route 10, Piatt Co., 30 ft. wide; 7.06 mi. Sect. 6-A, Route 13, Williamson Co., 30 ft. wide; 5.48 mi. Sect. 7-A 12.54 mi. Combination E, both Route 13, Williamson-Saline Co., 30 ft. wide; 6.08 mi. Sect. 8-A and 18.62 mi. Combination F, both Route 13, Saline Co., 30 ft. wide; 1.27 mi. Sect. 1-A, Route 14, Perry Co., 30 ft. wide; 1.61 mi. Sect. 3-A, Route 14, Franklin Co., 32 ft. wide; 2.88 mi. Combination B, Route 14, Perry-Franklin Co., 30 ft. wide; 1.52 mi. Sect. 13-A, 3.17 mi. Sect. 14-A and 4.69 mi. Combination H, all Route 18, Kendall Co., 22-32 ft. wide; 5.67 mi. Sect. 6-A, 6.8 mi. Sect 8-A and 12.47 mi. Combination I, all Route 31, Brown Co., 32 ft. wide; 0.25 mi. Sect. E, Calhoun Co., 24 ft. wide; 0.45 mi. Sect. H, Macoupin Co., 24 ft. wide. C. Older, ch. highway engr.

Ill., Centralia—Until July 19, by city, grading and surfacing Melrose Paving Dist. asphalt. About $96,906. Q. W. Lernon, city engr. Noted June 9

Ill., Kankakee—Until July 19, by city, grading and surfacing Lincoln Ave. from Maple to Eagle Aves., bituminous macadam on concrete base. About $34,000. R. D. Gregg., Kankakee, engr.

Ill., Peoria—Until July 19, by city, surfacing 10 blocks Knoxville Ave., 36 ft. wide, brick or asphalt on concrete base. About $37,361. O. Jeffries, Peoria, engr.

Wis., Beaver Dam—Until July 29, by Bd. Pub. Wks., paving various streets, involving 17,150 sq.yd. Warrenite bitulithic asphalt, rein.-con. or asphaltic concrete, 10,110 lin.ft. curb and gutter, 6,570 cu.yd. excav., 520 ft. protection curb, 4,000 sq.ft. sidewalk approaches, 1,480 ft. 10-15 in. storm sewer, etc. Parsons & Orbert, 215 West Water St., Milwaukee, engrs.

Ia., Atlantic—Until July 26, by Auditor Cass Co., grading 3.126 mi. primary road Project 150, from Anita northeast to Adair Co. line, involving 79,986 cu.yd. earth excav.

Ia., Boone—Boone Co. receiving bids, grading, draining and gravel surfacing primary road from Greene Co. line east of Ogden. About $65,000. J. A. Illeman, Boone, engr.

Ia., Dakota—Until July 19, by Auditor Humboldt Co., grading 2.045 mi. road south from here and 12.24 mi. road east from here, Federal Aid Project 117, involving 94,312 cu.yd. earth excav.; draining 36.624 mi. north, east, west and south from here and Humboldt, involving 213,533 lin.ft. 6-12 in. tile, 43 type A and 98 type B tile intakes; gravel surfacing 5.986 mi. from Gilmore City, east, involving 8,980 cu.yd. gravel.

Ia., Greenfield—Until July 27, by Auditor Adair Co., grading 3.2764 mi. primary road, Project 162, from Adair southwest to Cass Co. line, involving 64,599 cu.yd. earth excav.

Streets and Roads (Continued)

Ia., Iowa City—City receiving bids paving alley, brick on 6 in. concrete base. About $25,000. G. J. Dobres, clk. Private plans.

Ia., Marshalltown—Until July 18, by Auditor Marshall Co., grading and draining 6.949 mi. primary road. Project 13, on Lincoln Highway east and west from here, involving 76,045 cu.yd. earth excav., 9,800 lin.ft. 6-12 in. tile drain and 5 type A tile intakes.

Ia., Marshalltown—Until July 25, at office of city clerk, constructing and reconstructing pavement. O. G. Herm, city engr.; advertised in this issue.

Minn., Hastings—Until Aug. 1, by city, paving, grading, curbing, guttering and installing storm sewers in 2nd and Sibley Sts. About $60,000. F. M. Connor, city engr.

Minn., St. Paul—Until July 18, by City Purchasing Agent, repaving West 7th St. from Seven Corners to Tuscarora Ave., sheet asphalt. Bids for furnishing materials and labor, and for furnishing materials only, work then to be done by force account. Work involves 580 ton asphalt, 1,549 cu.yd. binder stone, 112 bbl. Portland cement, 75 cu.yd. gravel or crushed rock, 50 cu.yd. concrete sand, 2,432 cu.yd. fine asphalt sand, 728 cu.yd. coarse asphalt sand and 580 cu.yd. limestone dust. About $50,000. Noted Jan. 27.

Mo., Hopkins—Until July 19, by city, grading and building culverts on 2 mi. Saints Highway, 30 ft. wide. About $27,750. Private plans.

Mo., Monett—Until July 19, by city, paving 3d St. from Bway. to County St. and 4th St. from Bond to Cleveland Sts., concrete Tarvia "A." About $40,000. Private plans.

Mo., St. Louis—Until July 26, by city, paving Letting 1197, brick and asphalt; reconstructing foundation on Letting 1198. About $44,480. E. R. Kinsey, pres. Bd. Pub. Serv. Private plans.

Tex., San Augustine—Until July 20, by W. K. Knight, judge San Augustine Co., grading, graveling and draining 20.95 mi. Highway 21. W. A. French, San Augustine, co. engr.

Que., Maniwaki—Until Aug. 3, by Mayor, paving various streets with waterbound macadam, cost $20,000, concrete sidewalks, 4 ft. wide, $15,000. E. S. Gauthier, Town Hall, engr.

Ont., Kirkland Lake—Until July 22, by M. Campbell, Kirkland Lake, paving 7 mi. various streets, waterbound macadam, Tack Twp. About $150,000.

Ont., Weston—Until July 22, by I. L. Taylor, paving 2½ mi various streets, bituminous macadam and waterbound macadam. About $28,612. Noted June 9.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**New Hampshire**—State Highway Dept., Concord, let contract paving 1.01 mi. state highway in Hooksett, involving 450 ton crushed native stone, 21,847 gal. bituminous material, 10,710 sq.yd. modified surface concrete, 1,671 ton bituminous macadam, etc., to Robie Consolidate Concrete Co., 936 Elm St., Manchester, $16,332; 1 mi. Newport Rd., Sunapee, 1,637 cu.yd. crushed gravel foundation course, 2,964 ton crushed native stone, 22,100 gal. bituminous material, 1,920 ton bituminous macadam, etc., to R. E. Bull, Fitchburg, Mass., $31,680; 2.2 mi. in Newington, 6,820 cu.yd. field stone foundation, 2,677 ton bituminous macadam, to C. A. Badger Constr. Co., 2 Pratt St., Portsmouth, $55,932. Noted June 23.

★**Massachusetts** — State Highway Dept., Boston, let contracts paving 3.042 mi. state highway in Winchester and Woburn, bituminous macadam, to Powers Bros., North Montello St., Brockton, $106,098; 1.907 mi. in Middleton and Danvers, 18 ft. wide, bituminous macadam, to F. E. Ellis, Melrose, $70,970. Noted June 16.

Mass., Boston—City received bids July 6 paving Charles St., wood block on concrete base, from A. Palladino, Newton Highlands, $39,040; B. E. Grant, 605 Barrisbers Hall, $40,677.

Mass., Pittsfield—City received bids paving Bank Row, Park Row and portion of East St., brick on concrete base, from D. J. Walsh, 107 Fenn St., $31,000; C. B. Lindholm, 24 North St., $34,000; Malloy & Niggard, Springside Ave., $37,000. Noted June 16.

★**Conn., Hartford**—City let contract paving section of Washington St., sheet asphalt, to E. Balf Co., 26 State St. About $26,000.

★**New York**—H. S. Sisson, comr. State Highway Dept., 55 Lancaster St., Capitol, Albany, let contract improving 5.39 mi. Victory-Red Creek, Parts 1 and 2, Highway 8048, Cayuga Co., to Spellman-Oliver Co., Chateaugay, $162,327; 3.02 mi. Morehouseville-Piseco, Part 2, Highway 1592, Hamilton Co., to E. J. Anderson Co., 36 State St., Albany, $126,218; 2.16 mi. Caledonia-Mt. Morris, Part 4, Highway 5663, Livingston Co., to Sweeney & Boland, 311 Cutler Bldg., Rochester, $72,574; 3.69 mi. Rush-Mendon, Part 1, Highway 1392, Monroe Co., to J. Petrossi Co., 112 Livingston Bldg., Rochester, $108,076; 2.49 mi. Dickersonville-Cambria, Highway 1316, Niagara Co., to W. C. Rich, Youngstown, $84,713; 3.95 mi. Erwin-Lawrenceville, Part 1, Highway 1593, Steuben Co., to W. L. Sherrill, Hudson Falls, $184,899; 1.73 mi. Prattsburg-Italy Hill, Part 1, Highway 1594, Steuben Co., to H. W. Patterson, Belmont, $39,399; 0.26 mi. Bath Village; East Steuben St., Highway 5350-A, Steuben Co., to Bath Constr. Co., Bath, $7,349; repairing 2.75 mi. Roads 57 and 136, Rep. Con. 1323, Clinton Co., to De Graff & Hogeboom, Inc., Kingston, $41,914; 1.02 mi. Rd. 60, Rep. Con. 1320, Monroe Co., to A. A. Howard, Fairport, $19,057; 1.19 mi. Roads 315 and 678, Rep. Con. 1311, Otsego Co., to M. Vrooman, Gloversville, $39,732; 3.85 mi. Rd. 5255, Rep. Con. 1322, Steuben Co., to Greenfield Constr. Co., Hornell, $34,397. Noted June 23.

★**N. Y., Brooklyn**—E. Riegelmann, boro pres., Boro Hall, let contracts to Cranford Co., 52 9th St., regulating and curbing, etc., East 19th St., cost $16,029, Frost St., $5,708, Stillwell Ave., $10,233, West 19th St., $5,937, 63rd St., $9,528; to Grimm Constr. Co., 170 McKinley Ave., Bay 37th St., etc., $3,287, East 35th St., $3,729; to Simonelli & Son, Inc., 28 Conselyea St., 21st Ave., $969. Noted June 30.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, received bids July 6, regulating and grading, etc., (1) westerly side of Bell Ave., 3rd Ward, from Crocheron to Jackson Aves., (2) 86th St. from Park Lane south to Jamaica Ave. (3) Ralph St. from Prospect to Grandview Aves., 2nd Ward; regulating and paving (4) Decatur St. from Myrtle to Forest Aves., sheet asphalt on concrete foundation; regulating and recurbing, etc., (5) Ridge St. from Sherman to Ely Ave., 1st Ward, sheet asphalt on concrete foundation, from

R. A. Hess, Inc., Corona, (1) $24,726.

Gifford Constr. Co., (1) $26,526.

Welsh Bros. Contg. Co., 32 Queens St., Astoria, (1) $28,972, (2) $29,726, (3) $10,498.

Cleveland Trinidad Paving Co., Flushing, (4) $10,416, (5) $20,483.

W. P. McDonald Constr. Co., 618 Union St., Brooklyn, (4) $11,962, (5) $23,652.

Borough Asphalt Co., 1301 Metropolitan Ave., Brooklyn, (4) $12,601, (5) $23,741.

Kennedy & Smith, Inc., 93 Amity St., Flushing, (2) $28,826.

C. Gallagher, 745 Dean St., Brooklyn, (2) $29,125. Noted June 30.

N. Y., New York — H. Bruckner, pres. Bronx Boro, received bids June 28 repaving Eagle Ave. from East 149th to East 161st Sts., granite block, from J. Meehan & Sons, 74 Cortlandt St., $74,423; Burnside Contg. Co., 270 Burnside Ave., $74,862; Leonard Paving Co., 233 Bway., $74,948. Noted June 23.

★**New Jersey**—State Highway Dept., Broad St. Bank Bldg., Trenton, let contract furnishing and applying Lignin binder on sections of state highway system, to M. I. Young, Aleda Apartments, Trenton. About $88,000. Noted June 9.

N. J., Beverly—Bd. Freeholders Burlington Co. (Mt. Holly), received bids July 8, paving 7,456 sq.yd. Warren St., concrete, from L. J. Sieling, 216 West Front St., Red Bank, $31,500; W. French, 226 West Main St., Moorestown, $35,100. Noted June 30.

★**N. J., Plainfield**—City let contract improving 1 mi. Sect. 9, State Highway, 18 ft. wide, to Utilities Constr. Co., 5 Spring St., New Brunswick, $105,691. Noted June 16.

★**N. J., Salem**—Bd. Freeholders Salem Co. let contract excavating and graveling 7 mi. road from Shirley to Oldmans Creek, to Tri-State Constr. Co., Bridgeton. About $79,000. Noted July 7.

★**N. J., Trenton**—City let contract paving Southard St., Laurel and Bellevue Aves., sheet asphalt on 6 in. foundation, to J. J. Barrett, 147 Lafayette Ave., $96,518. Noted June 23.

★**N. J., Woodbury**—Bd. Freeholders Gloucester Co. let contract paving 8,600 sq.yd. Crown Point Rd., Amesite, to P. Connelly, 3730 Market St., Phila., $28,400. Noted July 7.

★**Pennsylvania**—State Highway Dept., Harrisburg, let contracts building Routes 140 and 141, Schuylkill, Haven Boro. and Route 141, Orwigsburg Boro., Schuylkill Co., to W. C. Evans, Ambler, $61,308 and $164,382 respectively; Applications 1185, 1186 and 1187, Venango Co., to H. P. Streicher Co. Inc., 319 Terminal Bldg., Toledo, O., $250,763; Route 51, Somerset Co., to D. Schoentag, Meyersdale, $119,171; Route 54, Indiana Co., to F. Murphy, 2635 West Chestnut St., Altoona, $166,074; Route 250, York Co., to H. E. Baton, 1715 Sansom St., Phila., $107,211; Route 295, Erie Co., to Penn Erie Constr. Co., Erie, $102,958. Noted June 30.

★**Pa., Pittsburgh**—City let contract repaving Cape May Ave. from West Liberty to Dagmar Aves., sheet asphalt to Dunn & Ryan Contg. Co., Standard Life Bldg., $25,372; Beaver Ave. from Juniatta to Sheffield Sts., to Booth & Flinn Ltd., 1942 Forbes St., $19,806.

Virginia—State Highway Comn., Richmond, received bids building 6½ mi road between Teslen and Rue, Federal Aid Project 38, Accomac Co., involving 12,838 cu.yd. common excav., 7,538 sq.yd. scarifying, 61,119 sq.yd. concrete pavement, 123 cu.yd. Class A concrete, 6,790 lb. reinforcing steel, 924 lin.ft. concrete curbing, from Royer-Ferguson, High Point, N. C., 179,276; L. R. Colbert, Fredericksburg, $188,093; Cunningham & Melson, Newport News, $199,591; 12.97 mi. road between Cabin Point and Surry C. K., Federal Aid Project 116, Surry Co., 7 acres clearing and grubbing, 56,965 cu.yd. common excav., 33,958 cu.yd. gravel surfacing, 341 cu.yd. Class A and 420 cu.yd. Class B concrete, 27,028 lb. reinforcing steel, etc., from C. B. Hester, Greensboro, N. C., $87,117; A. L. Phillipe & Sons, Virginia City, $92,111, J. R. Moody & Co., Chester, $92,321, 6.08 mi. road between St. Paul and Colburn, Federal Aid Project 94, Wise Co., 4 acres clearing and grubbing, 71,864 cu.yd. common excav., 42,821 sq.yd. bituminous macadam, 194 cu.yd. Class A and 428 cu.yd. Class B concrete, 9,874 lb. reinforcing steel, etc., from W. W. Boxley & Co., Roanoke, $194,320, C. L. Hottell, Abongdon, $195,390.

★**N. C., Nashville**—Nash Co. let contract grading, draining and topsoiling 16½ mi. road from Nashville to Halifax Co. line, to Chandler and Ragland, Virgilina, Va. About $35,000.

★**Tennessee** — State Highway Comn., Nashville, let contract building, grading and surfacing 10.01 mi. Federal Aid Project 72, Marion Co., to W. T. Hadlow, 16 Baldwin Bldg. Jacksonville, Fla., $178,590, (all bids on bridge for this project were rejected); 15.43 mi. Federal Aid Project 22-B, Caroll and Weakley Counties, to Z. W. Crooms & Co., Dresden, $282,311, bridges over 20 ft. span, to McAdoo-Wadell Brick Co., Union City, $51,400. Noted June 23.

★**O., Akron**—Director Pub. Serv. let contracts to T. E. McShaffrey Co., 173 South Forge St., paving 400 ft. Overlook and Highland Sts., $15,641, 300 ft. Yale St., $5,504, 700 ft. Thornton St., $13,184; to V. Olson Contg. Co., 507 Mahoning Bank Bldg., Youngstown, 800 ft. Ruth St., $14,148; to Akron Paving & Sidewalk Co., Akron, grading and laying sidewalks on 2,500 ft. Bowery St., $15,853. Noted June 23.

★**O., Cleveland**—City let contract grading, draining, curbing and paving Berry Ave. from West 73rd to West 82nd Sts., also Fidelity Ave. from West 105th St. to West Blvd., asphalt, to Cleveland Trinidad Paving Co., The Arcade, $11,597 and $10,656 respectively; Robertson Ave. from East 116th to East 122nd Sts., brick, to Enterprise Paving & Constr. Co., 84444 Bway., $27,551; East 43rd St. from Payne to Hough Aves., to Burnett & Hathaway, c/o Pavers Exch., Society for Savings Bldg., $16,917; Coit Rd. from St. Clair Ave. to East 145th St., to G. B. Herring, Drexel Ave., $17,644. Noted June 30 and July 7.

Streets and Roads (Continued)

★**O., Cleveland**—Comrs. Cuyahoga Co. let contract grading Somcenter Rd., to R. J. Burke Co., Schofield Bldg., $27,592. Noted June 2.

O., Cleveland Heights (Warrensville P. O.)—J. A. Wigmore & Co., East 13th St. and Euclid Ave., Cleveland, received only bid from Cleveland Trinidad Paving Co., The Arcade, Cleveland, grading, curbing and paving Meadowbrook Blvd., $24,906; Kildare Rd., $26,734; Silsby Rd., $26,351; Goodnor Rd., $15,744; Tullamore Rd., $32,232. Work involves 25,650 sq.yd. asphalt, 8,300 cu.yd. grading and 230,920 sq.ft. 6 in. concrete base, etc.

★**Mich., Ontonagon**—State Highway Dept. at office Bd. Rd. Comrs. Ontonagon Co. let contract grading and surfacing 2.211 mi. State Trunk Line Rd. 26-5, Sect. B, to Ontonagon Co. Rd. Comrs., Ontonagon, $29,200. Noted April 7.

★**Mich., Sandusky**—State Highway Dept. at office Bd. Rd. Comrs. Sanilac Co. let contract grading, draining and surfacing 5.027 mi. State Trunk Line Rd. 19-10, to Bacon Bros., Saginaw. Work involves 22,468 cu.yd. excav., $0.60, 113.4 cu.yd. 1:2:4 and 74.6 cu.yd. 1:3:6 concrete, $20, 47,113 sq.yd. gravel, $0.74, etc., total cost $55,716. Noted June 9.

★**Ill., Canton**—City let contract paving 2nd Ave. and Elm St., 5 in. brick on concrete base to M. Hickard & Sons, Canton. About $25,000.

★**Ill., Champaign**—City let contract paving 12 blocks 6th St., 36 ft. wide, concrete, to Swipes & Pilcher, Champaign, $36,343.

★**Ill., Elmhurst**—City let contract for paving various streets, asphalt, to Amer. Asphalt & Paving Co., 133 West Washington St., Chicago. About $230,000. Noted June 3.

★**Ill., Lawrenceville**—City let contract paving various streets, brick, to L. R. Harshman, Sullivan, $98,673. Noted June 23.

★**Ill., Moline**—City let contract surfacing various streets, brick on concrete base, to D. J. Ryan Const. Co., 41 1st National Bank Bldg., Davenport, Ia. About $25,000.

★**Wis., Madison**—Dane Co. State Rd. and Bridge Comn. let contracts to P. W. Ryan & Sons, Janesville, grading and gravel surfacing Alblan-Attica Rd., involving 7,443 cu.yd. grading, 5,100 cu.yd. gravel surfacing, etc., $16,410, Cottage Grove-Stoughton Rd., $2,692, Roxbury-Springfield Corners Rd., $8,820; to J. W. Mitchell, Madison, Madison-Verona Rd., $14,701, Park St., $6,214.

★**Wis., Mayville**—City let contract paving various streets, involving 14,390 sq.yd. bitulithic on concrete base, to J. Rasmussen & Sons, foot of 7th St., Oshkosh, $79,220. Noted July 7.

★**Wis., Milwaukee**—City let contract paving (1) Burrell St. from Dover to Deer Pl., bituminous macadam, (2) 18th St. from Finn to Nash Sts., asphalt, (3) Melvina St. from Tentonia to 22nd Sts., asphalt, (4) 9th St. from Green Bay Ave. to Lake St., asphalt, (5) South Pierce St. from 39th to 34th Sts., bituminous concrete, (6) Townsend St. from 24th to West 24th Sts., asphalt, (7) 21st St. from Keefe to Pease Aves., asphalt, (8) alley, concrete, (9) nine alleys, concrete, to White Constr. Co., 68 Wisconsin St., (1) $4,020; F. P. Coughlin Co., 30 West La Salle St., Chicago, (2) $7,099, (3) $6,274; Badger Constr. Co., 97 Wisconsin St., (4) $3,787, (6) $7,837, (7) $8,367; J. Weiher & Son, 878 Franklin St., (5) $16,030; Bodemann Constr. Co., 801 Winnebago St., (8) $899; Clayton Constr. Co., 397 Farwell Ave., (9) $21,755.

★**Wis., Viroqua**—City let contract paving various streets, involving 19,588 sq.yd. rein.-con., 5,420 ft. curb and gutter, and 6,025 cu.yd. excav., to Gund-Graham Co., Freeport, Ill. About $70,000.

★**Wis., Waukesha**—Waukesha Co. let contract surfacing 3 mi. Waukesha-Genesee Rd., 18 ft. wide, concrete, to Froemming Bros., 1326 Humboldt Ave., Milwaukee, $80,726.

★**Ia., Indianola**—Warren Co. let contract grading and draining primary road, involving 202,789 cu.yd. earth excav., 10,170 ft. 6-12 in. tile, 11 intakes, to Cox Bros., Webster City. About $121,200.

★**Minn., Ivanhoe**—Lincoln Co. and State Highway Comn. let contract grading 14 mi. Federal Aid Project 146, State Project 6-21, involving 96,500 cu.yd. excav., to Roach Constr. Co., Arlington, S. D., $24,918. Noted June 23.

★**Minn., Minneapolis**—City will pave various streets. About $340,500. Work will be done by day labor. F. W. Cappelen, city engr.

Minn., St. Paul—Ramsey Co. opened bids July 5, grading and paving 2 mi. Larpenteur Ave. from Snelling Ave. west to county line, (a) washed gravel, (b) crushed stone, from E. M. Ganley Co., Inc., 1002 Plymouth Bldg., Minneapolis, (a) $50,826, (b) $58,813; G. J. Grant Co., Exch. Bank Bldg., St. Paul, (a) $52,772; Fielding & Shepley, 216 University Ave., St. Paul, (a) $54,275, (b) $56,167; W. J. Hay Co., Metropolitan Bank Bldg., Minneapolis, (b) $60,277. Noted June 23.

★**Kan., Baxter Springs**—City let contract paving Military Ave. from Sarfield St. to Railroad Ave. brick on concrete base, to V. E. Koch, 2304 Pennsylvania St., Joplin, Mo., $126,531.

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CONTRACTS AWARDED

★**Kan., Caney**—City let contract paving various streets, brick on concrete base, to McGuire & Cavender, New England Bldg., Kansas City, $64,703.

★**Kan., Chanute**—City let contract to J. K. Shinn, Independence, paving with brick, 8,166 sq.yd. South Grant Ave., $37,141, 863 sq.yd. East 9th St., $1,985, 350 sq.yd. East 2nd St., $1,730.

★**Tex., Cleburne**—Johnson Co. let contracts to Womack Constr. Co., Sherman, clearing, grubbing, grading, gravel surfacing and draining 12.05 mi. State Highway 2-A from Alvarado to Hill Co. line, cost $269,374; 12.56 mi. State Highway 2-A from Alvarado to Burleson, $299,699; 14.94 mi. State Highway 2, Federal Aid Project 20, $287,212; above amounts include 10% for engineering and contingencies and material furnished by county. All gravel furnished by county. Noted July 7.

Tex., Johnson—Cleburne Co. received bids grading, gravel surfacing and draining (1) 12.05 mi. State Highway 2 A from Alvarado to Hill Co. line, Federal Aid Project 228, involving 19,733 cu.yd. borrow and 6,554 cu.yd. loose and solid rock excav., 108,430 sq.yd. bituminous macadam, 1,841.6 cu.yd. Class A and 102.2 cu.yd. Class B concrete, 179,631 lb. reinforcing steel, (39,058 cu.yd. gravel to be furnished by county); (2) 12.56 mi. State Highway 2 A from Alvarado to Burleson Co. line, Federal Aid Project 181, involving 69,931 cu.yd. borrow and 1,538 cu.yd. loose and solid rock excav., 32,228 cu.yd. roadway excav., 1,873.9 cu.yd. Class A and 167.2 cu.yd. Class B concrete, 180,492 lb. reinforcing steel, (40,099 cu.yd. gravel to be furnished by county); from Womack Constr. Co., Sherman, (1) $169,503, (2) $196,266; E. W. Moore Constr. Co., and E. Shelton, c/o E. Shelton, Temple, (1) $172,279, (2) $193,663; McCollum Constr. Co. and W. P. McCoy, 224 Texas State Bank Bldg., Ft. Worth, (1) $174,996, (2) $198,581.

★**Tex., Wichita Falls**—City let contract surfacing 0.34 mi. Indiana St. from 6th to Front Sts., 60 ft. wide, concrete, to L. E. Whitham & Co., Wichita Falls, $53,909; paving 0.73 mi. 15th St. from Lamar to Grace Sts., 36 ft. wide, uvalde rock asphalt, to Roberts Bros. Constr. Co., Wichita Falls, $73,615; paving, grading, curbing, etc., 0.45 mi. Ohio St. from Front to 6th Sts., 40 and 50 ft. wide, concrete, to Plains Paving Co., 920 Amer. Natl. Bank Bldg., $54,768. Noted June 7.

★**Utah, Salt Lake City**—City let contract paving 0.9 mi. 7th St. E. from 21st St. S. to 27th St., S., 7 in. concrete, to Ryeberg Bros., Kearns Bldg., $48,501. Noted April 28.

★**California**—State Highway Comn., Forum Bldg., Sacramento, let contract paving 8.3 mi. state highway between Bishop and Round Valley Rd., Inyo Co., bituminous macadam, to A. J. Grier, Oakland; grading 11.7 mi. between southeast corner Sect. 33, T. 8 S. and Bishop Inyo Co., to Nevada Contg. Co., Fallon, Nev. Noted June 23.

★**Cal., San Diego**—City let contract paving 104,240 sq.ft. Texas St., between University Ave. and Balboa Park, asphaltic oil and rock screenings wearing surface on asphaltic concrete base, to G. R. Daley, McNeece Bldg., $30,285.

★**Quebec**—Provincial Government, Quebec, let contracts building 14 mi. bituminous macadam road in parishes of Longueuil, St. Hubert, Chambly and Chambly Basin, also 22 mi. waterbound macadam and concrete pavements in villages of Oxford, Magog, East Bolton, South Stukely, Shefford, St. Mair de Monnoir, and Potre Dame du Bon Secours, to P. Lyall Constr. Co., Transportation Bldg., Montreal, $410,000 and $609,000 respectively.

★**Que., Montreal**—City let contract paving about 2 mi. Cote de Neiges Rd. from Queen Mary to Namur Sts., to Quinlan, Robertson & Janin Co., 50 Notre Dame St. W., $173,328.

★**Ont., Bowmanville**—Town let contract for 18,900 sq.yd. bithulithic pavement on concrete base, and 2,412 lin.ft. 8 in. storm sewer in King and Liberty Sts., to Warren Bituminous Paving Co., 54 University Ave., Toronto. About $70,000. Noted June 2.

★**Ont., Chatham**—Kent Co. Rd. Assn. let contracts building 5½ mi. concrete highway, to W. N. McCoy, Wallaceburg; 2 mi., to Cadwell Sand & Gravel Co., Windsor. About $225,000. Prices wanted on cement.

★**Ont., Glencoe**—Town let contract paving Main St., concrete, to Archibald Constr. Co., Glencoe. About $30,000. Prices wanted on cement.

★**Ont., St. Catherines**—City let contract for 8,500 sq.yd. 6-8 in. concrete pavement, to Archibald Constr. o., 122 Delaware Ave., Toronto; 30,000 sq.yd. concrete base with curb and gutter, to Nicholson & McNamara, 25 Duke St., (asphalt surfacing will be done by day labor); 40,000 sq.ft. concrete sidewalks, to C. H. Rymer, 19 Wolseley Ave.

★**Ont., Sandwich**—Town let contract to S. P. West, Sandwich, paving California Ave., Indian Rd., Brock, Edison and Cross Sts., Brock St. from Peter St. to Bloomfield Rd., South St. from Sandwich St. to Bloomfield Rd., involving 8,100 cu.yd. excav., 10,590 lin.ft. concrete curbing, 16,207 sq.yd. concrete pavement; to Webster Constr. Co., Bank of Toronto Bldg., London, building 800 ft. 8 in. tile sewer in Brock St. from Peter St. to Bloomfield Rd. Total cost $87,500.

★**Ont., Whitby**—Town let contract building 15,000 sq.yd. bitulithic pavement, also storm sewers, to Warren Bituminous Paving Co., 54 University Ave., Toronto, $75,000 and $10,000 respectively.

Railways

BIDS DESIRED

Minnesota—Until July 30, by W. A. Clark, ch. engr. Duluth & Iron R.R., Duluth, building spur line from McComber mine, Vermillion Range to LaRue Iron mine, to connect with Duluth & Iron R.R., for Chippewa Iron Mining Co.

Excavation and Dredging

PROPOSED WORK

Ia., Forest City — Drainage — Winnebago Co. soon receives bids building D.D. 98, involving 63,312 lin.ft. 6-42 in. hard burned clay, vitr. and cement tile. About $60,000. R. B. Gunn, Forest City, engr.

BIDS DESIRED

Ill., Garrett—Ditch—Until July 19, by W. E. Price, engr., Tuscola, constructing drainage ditch, for Garrett Twp. About $55,000.

Wis., Phillips—Ditch—Until July 25, by Price Co. Farm Drainage Bd., building 2¾ mi. open ditch and ¾ mi. 10-12 in. tile drains. L. H. Schindler, 721 Clark St., Appleton, engr. Noted Dec. 30.

Minn., Aitkin—Ditch—Until July 22, by Aitkin Co., constructing 7 mi. Ditch 33, involving 10 acres clearing, 1,000 ft. road leveling, 36 in. 32 ft. corrugated steel culverts, cost $11,361; Ditch 36, 158,636 cu.yd. excav., 64 acres clearing, 3 mi. leveling waste bank, 6 timber bridges, etc., $32,293.

Miss., Cleveland—Canal—Until July 26, by Bd. Drainage Comrs. of Northern D.D., Bolivar Co., at office of W. W. Boone, civil engr., Cleveland, building 13 mi. drainage canal on Bradford Bayou. 4 mi. west of Merrigold, involving 255,000 cu.yd. earth.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**B. C., Cloverdale**—Dredging, etc.—Municipality of Surrey let contract dredging and dyking on upper Serpentine River, to H. B. Sullivan & Co., 47 Albert Crescent, New Westminster, $34,400.

Industrial Works

PROPOSED WORK

Mass., Springfield—O. P. Thompson, 145 State St., having plans prepared by R. B. Warner, archt., 168 Bridge St., for 8 story, 100 x 190 ft. rein.-con. garage and repair shop, on Dwight St. About $700,000.

Conn., Hartford—"See Buildings."

N. Y., New York—City soon receives bids building 1 story, brick and concrete garage, rein.-con. flooring, concrete foundation, on Pike Slip between Front and Water Sts. About $45,000. J. B. Maher, 431 West 14th St., archt. and engr.

Pa., Johnstown—Terminal Warehouse Co., Johnstown, having plans prepared by W. Steele & Sons, engrs. 16th and Arch Sts., Phila., for 5 story, 132 x 250 ft. rein.-con., brick and steel warehouse, rein.-con. flooring, concrete foundation. About $500,000.

Pa., Pittsburgh—B. Tucksinger, c/o C. J. Rieger & Co., archts., Germania Bank Bldg., having plans prepared for 2 story, concrete, brick and steel garage on Perrysville Rd. About $40,000.

O., Coventry—C. Palmer, 7 South Forge St., Akron, plans to build match factory, here. About $1,000,000.

O., Dayton—Refiners Oil Co., 315 South Main St., having plans prepared by Gebhart & Schaeffer, archts., 1402 U. B. Bldg., for 2 story, 100 x 150 ft., mixing plant and laboratory, rein.-con. and brick, rein.-con. flooring, on Perry St. About $50,000.

O., Lowell—City of Marietta plans election in August to vote on $500,000 bonds to build hydro-electric plant, here. H. Gamper, New 1st Natl. Bldg., Columbus, engr.

O., Martins Ferry—City having preliminary sketches made by H. Gamper, engr., New 1st Natl. Bank Bldg., Columbus, for electrical plant along Ohio River. About $500,000.

Mich., Ecorse—Hinkley Motors Corp., 3420 West Fort Blvd., Detroit, having plans prepared by A. Kahn, archt., 1000 Marquette Bldg., Detroit, for 1 story, 250 x 340 ft. concrete, brick and steel factory and office building, also 1 story, 52 x 60 ft. steel and timber power house, on Cicotte Ave.

Ill., Chicago—Northern Bank Note Co., 538 South Clark St., had plans prepared by H. C. Miller, archt., 112 West Adams St., for 3 story, 120 x 260 ft. rein.-con. and brick plant, rein.-con. flooring, concrete foundation at 2334 South Racine Ave. About $200,000.

Ill., Chicago—Tooker Storage & Forwarding Co., 1400 South Clark St., having plans prepared by G. C. Nimmons & Co., archts., 122 South Michigan Blvd., for 6 story, rein.-con. and brick warehouse, rein.-con. flooring, concrete foundation, on Lumber St. along Chicago River. About $500,000.

Ill., Herrin—Illinois Central R.R., 135 East 11th St., Chicago, having plans prepared by D. T. McLaughlin, archt., 109 12th St., Chicago, for 1 story, brick and steel repair shop, here. About $60,000. C. H. Markham, pres.

Wis., Edgerton—Highway Trailer Co. plans to rebuild 1 story, 180 x 900 ft. concrete and steel assembling plant, concrete foundation, which was recently destroyed by fire. About 200,000. Architect not selected.

Wis., Milwaukee—City having plans prepared by T. C. Hatton, engr., c/o Sewerage Comn., for concrete and pile foundation for 70 x 160 ft. steel and brick boiler house, rein.-con. flooring, on Jones Island. About $175,000. Noted June 16 under "Miscellaneous."

Wis., Milwaukee—Marquette University, 1115 Grand Ave., having preliminary plans prepared by E. Brielmaier & Sons, engrs. and archts., 432 Bway., for brick, concrete and steel power plant.

Ia., Clinton—Chicago & Northwestern R.R., 399 West Jackson Blvd., Chicago, having plans prepared for 2 story ice plant, rein.-con. and brick, here. About $50,000. Private plans.

Ia., Corning—City voted $60,000 bonds to build electric light and power plant. W. C. Chubb, clk. Engineer not announced. Noted Feb. 24.

Mo., Linn Creek—J. B. Ouigler, Lebanon, plans to build power plant and dam, across Niaggua River, here. About $100,000. Engineer not selected.

Mo., Moberly—Centenial Bank & Supply Co. plans to build 1 story, brick and steel factory. About $50,000. Architect not selected.

Mo., St. Joseph—Central West Grease Co., 212 North 5th St., plans to build 2 story, brick, stone and steel factory. About $50,000. A. B. Snoddy, pres. Architect not selected.

Mo., St. Louis—Woodward & Tierman Printing Co., 309 North 3rd., plans to build 2 and 3 story, brick and steel factory, on Tower Grove along tracks of Missouri Pacific R.R. About $1,000,000. Architect not selected.

Mo., University City—W. F. Williamson Advertising Co., 6501 Delmar Blvd., plans to build 1 and 2 story, 200 x 300 ft., brick, stone and steel factory, on Maple and Olive Sts. About $100,000. Architect not selected.

Okla., Oklahoma City—C. Booth & Bentley Co., 701 Main St., plans ot build 2 story planing mill, brick and steel. About $500,000. Architect not selected.

Que., Iberville—Rapid Tool Co. Ltd. soon receives bids building 73 x 100 ft. brick and steel factory, concrete foundation, on Principle St., to replace one recently destroyed by fire. About $110,000. Architect not selected.

BIDS DESIRED

Conn., Hartford—Until July 19, by Bd. Health and Charity Depts., building 2 story, 43 x 63 ft. brick and concrete heating plant and laundry, two 68 x 204 ft. concrete tunnels and 1 story, 25 x 65 ft. concrete coal bunker, on Holcomb St. About $80,000. Whiton & McMahon, 36 Pearl St., archts. R. D. Kimball Co., 6 Beacon St., Boston, engrs. Noted March 17.

O., Cleveland—H. C. Bishop & Co., archts., Guardian Bldg., receiving bids building 1 story, 40 x 75 ft., brick and steel power plant, brick foundation, on Cedar Ave., for Telling-Belle-Vernon Co., 3825 Cedar Ave. About $50,000. Noted April 7.

Ill., Chicago—A. S. Alschuler, archt., 28 East Jackson Blvd., receiving bids building 12 story, 45 x 120 ft. brick and steel addition to factory, rein.-con. flooring, concrete foundation, on Wells and Harrison Sts., for M. Born & Co., 340 South Wells St. About $750,000.

Wis., Madison—3-F Laundry Co., 731 East Dayton St., and F. L. Kronenberg, archt., Slichter Bldg., receiving bids building 2 story, 30 x 65 ft. and 17 x 24 ft. addition to laundry, rein.-con. and brick, rein.-con. flooring, concrete foundation. About $40,000.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**N. H., Epping**—Overland Shoe Co. will build 1 story, 40 x 300 ft. mill construction plant, concrete foundation. About $40,000. Work will be done by day labor under supervision of J. A. Tuck, archt., 34 School St., Boston.

★**Mass., Brookline** (Boston P. O.)—Gorfinkle & Barkin let contract building 1 story, 150 x 175 ft. brick garage, on Harvard St., to N. Hurwitz, Old South Bldg., Boston. About $100,000. Noted June 30.

★**Mass., Framingham**—Lake View Press let contract building 2 story, 52 x 141 ft. brick plant, concrete foundation, to L. Rockeford & Son, 44 Front St., Worcester. About $45,000.

★**Mass., Lawrence**—D. Brown Co., Market St., let contract building 2 story, 40 x 100 ft. mill construction addition to factory, on Foster St., to E. W. Pitman Co., Bay State Bldg. About $40,000.

★**Conn., East Hartford** (Hartford P.O.)—H. E. Bidwell, Hockanum, let contract building 1 story, brick and rein.-con. garage, rein.-con. flooring, concrete foundation, on Connecticut Blvd., to W. J. Sexton Co., 847 Main St., Hartford. About $45,000.

★**Conn., Rockville**—Rockville Grain & Coal Co., 95 Brooklyn St., will build 1 story, 60 x 105 ft. mill construction warehouse, rein.-con. flooring, concrete foundation. Work will be done by day labor. Dunkelberger & Gelman, 721 Main St., Hartford, archts.

★**Conn., Torrington**—A. W. Pickett Co., Railroad Ave., let contract building 3 story, 101 x 123 ft. rein.-con., brick and steel warehouse, rein.-con. flooring, concrete foundation, on Litchfield St., to Torrington Bldg. Co., 197 Water St. About $100,000. Noted June 16.

★**N. Y., Brooklyn**—M. Cohn & Co., Inc., 218 West 26th St., New York City, let general contract building 3 story, brick, steel and concrete factory, rein.-con. flooring, concrete foundation, on Evergreen Ave. and Cook St., here, to White Constr. Co., Inc., 95 Madison Ave., New York City. Total cost $200,000. Work will be done under supervision of R. G. and W. M. Cory, engrs. and archts., 50 Church St., New York City. Noted July 7.

★**N. Y., Brooklyn**—Cushman Sons, Inc., 49 Manhattan St., let contract building 4 story, 50 x 200 ft., brick, steel and concrete bakery, rein.-con. flooring, concrete foundation, on Atlantic Ave. near Troy Ave., to Levering & Garrigues, 552 West 23rd St., New York City. About $250,000.

★**N. Y., Brooklyn**—Erie Dyeing & Processing Co., 2765 East 55th St., let contract building 1 story, brick, steel and concrete plant, rein.-con. flooring, brick and concrete foundation on Nassau Ave. near East 14th St., to H. K. Ferguson Co., 6523 Euclid Ave., Cleveland. About $150,000. Noted June 16.

★**N. Y., Brooklyn**—Radella Co., Inc., c/o Burke & Olsen, archts. and engrs., 32 Court St., will build 1 story, 200 x 200 ft., brick, steel and concrete garage, rein.-con. flooring, concrete foundation, on Empire Blvd. and Cedar Pl. About $65,000. Work will be done by day labor.

★**N. Y., New York**—One Hundred Nineteen West 145th St. Garage Corp., c/o L. A. Sheinart, archt. and engr., 194 Bowery, will build 1 story, 100 x 175 ft., brick, steel and concrete garage, rein.-con. flooring,

Industrial Works (Continued)

concrete foundation, at 119 West 145th St. About $75,000. Work will be done by day labor.

★**N. J., East Orange**—C. B. Comstock, archt. and engr., 110 West 40th St., New York City, let contract to J. W. Ferguson Co., United Bank Bldg., Paterson, building 5 story, brick, steel and concrete bakery and garage, rein.-con. flooring, concrete foundation, here, for Ward Baking Co., Southern Blvd., New York City. About $500,000. Noted June 16.

★**Pa., Pittsburgh**—Crane Co., South Michigan Ave., Chicago, let contract building 6 story, 70 x 192 ft. warehouse and foundations for 1 and 2 story, 192 x 292 ft. pipe shops, brick and steel, on 24th St. and Allegheny Valley R.R., to Bates & Rogers Constr. Co., 37 West Van Buren St., Chicago. Cost between $500,000 and $600,000. Noted Mar. 24.

★**O., Piqua**—Orr Felt & Blanket Co. let contract building 4 story, 100 x 200 ft., brick and concrete factory, to J. H. and C. P. Anderson, Piqua. About $185,000.

★**Mich., Adrian**—Utility Compressor Co., 1161 East Harper Ave., Detroit, let contract building 1 story, 50 x 240 ft. and 50 x 50 ft. brick and steel factory, rein.-con. flooring, concrete foundation, on Treat St., here, to DeLisle & Cooper 402 Ford Bldg., Detroit. About $40,000. Noted May 12.

★**Wis., Kaukauna**—P. H. Pagel Auto Co. let contract building 1 story, 62 x 75 ft., concrete, tile and steel garage, concrete foundation, to Appleton Constr. Co., College Ave., Appleton. About $40,000. Noted June 30.

★**Ia., Bellevue**—H. G. Johnson Piano Co, will build 1 story, 80 x 600 ft. brick and steel actory. About $100,000. Work will be done by day labor.

★**Minn., Minneapolis**—L. C. Apt. Investment Co., 225 Marquette Ave., let contract building 2 story, 100 x 105 ft. garage, rein.-con. and brick at 1901 Nicollet Ave., to J. A. Johnson Co., 115 South 6th St. About $40,000.

★**Minn., Minneapolis**—Kremer Motor Co., 1518 Hennepin Ave., let general contract building 2 story, 50 x 150 ft., concrete and brick garage at 1411 Yale Place, to Bracker Constr. Co., 638 Builders Exch. Bldg., $35,342. Noted May 5.

★**Kan., Lawrence**—State Bd. Administration, Topeka, let contract building 2 story, 120 x 180 ft. power house, to Collins Bros., 536 Rialto Bldg., Kansas City, Mo. About $100,000. Noted June 16.

★**Mo., Kansass City** — J. W. Flanagan Constr. Co., 2836 Benton St., will build 1 story, 50 x 135 ft., rein.-con. and brick factory at 2621 McGee Trafflew. About $55,000. Work will be done by day labor.

★**Mo., St. Louis**—O. J. Popp, archt., Odd Fellows Bldg., let contract to Kremer & Voirol Constr. Co., Century Bldg., constructing 1 and 2 story, 100 x 150 ft., brick factory, concrete flooring, on Chouteau St. and Spring Ave., for Usona Mfg. Co., 326 South 18th St. Noted June 9.

Buildings

PROPOSED WORK

Me., Auburn—High School—City plans to build 2 story, fireproof. About $150,000. H. H. Randall, supt. Architect not selected.

Mass., Holyoke—Church—Perpetual Help Roman Catholic Church, 51 Fountain St., having revised plans prepared by L. J. Caron, archt., Nicolet, Que., Canada, for 2 story, 70 x 184 ft. brick, stone and steel, on Elm, Chestnut and Hampshire Sts. About $150,000. Noted March 17.

Mass., Springfield—Church—All Saints Episcopal Church, Forest Park, plans to reconstruct and build addition to church. About $150,000. Architect not selected.

Mass., Ware—School and Hall—St. Marys Roman Catholic Church, Church St., plans to build 3 story, steel and concrete. About $150,000. Architect not selected.

Mass., Williamstown — Memorial — Town having plans prepared by Harding & Seaver, archts., 7 North St., Pittsfield, for 2 story, brick and stone, on Main St. About $150,000. F. E. Moore, chn.

Mass., Worcester—Store and Office—Sawyer Associates, 66 Lincoln St., had plans prepared by J. D. Leland & Co., archts., 406 Main St., for 3 story, 70 x 100 ft. brick and steel, on Main and Federal Sts. About $150,000. Concrete foundation, let to Keefe Bros., 98 Front St., $17,000. Noted Feb. 3.

Conn., Hamden — School — Bd. School Comrs. plans to build 2 story additions to schools. About $200,000. Architect not selected.

Conn., Hartford—School—Hartford Seminary Foundation, 1507 Broad St., having preliminary plans prepared by Day & Klauder, archts., 925 Chestnut St., Phila., for dormitory, seminary addition, chapel and power house, on Girard Ave. and Sherman St. About $1,000,000.

Conn., Norwich—Ward—Norwich State Hospital for Insane plans to build 2 story, brick and concrete. About $250,000. Architect not selected.

Conn., Wallingford — Business and Theatre—J. R. Hayes, 154 Center St., having plans prepared by F. C. Walz, archt., 407 Trumbull St., Hartford, for 1 and 3 story, brick, concrete and steel, on Main St. About $150,000.

N. Y., Lancaster — High School — Bd. Educ. having plans prepared by M. C. Miller, archt., 80 West Genessee St., Buffalo, for high school, modern fireproof construction. About $250,000.

N. Y., New York — Apartment — Ezra Holding Co., c/o C. Kreymborg, archt. and engr., 2534 Marion Ave., soon receives bids building 6 story, 100 x 100 ft., brick, steel and stone, concrete foundation, on Grand Concourse and Fordham Rd., Bronx. About $250,000.

N. Y., New York—Apartments—F. Johnson, 30 East 42nd St., soon receives bids building two 6 story, 90 x 100 ft., brick, steel and stone, concrete foundations, on Southern Blvd. near Longwood Ave., Bronx. About $175,000 each. C. Kreymborg, 2534 Marion Ave., archt. and engr.

N. Y., New York — Apartment — West 190th St. Corp., c/o Moore & Landseidel, archt. and engrs., 3d Ave. and 148th St., having plans prepared for 6 story, brick, steel and stone, concrete foundation, on Montgomery Ave. About $200,000.

N. J., Camden—School—Bd. Educ., City Hall, having preliminary plans prepared by P. A. Davis, 3d archt., 1713 Sansom St., Phila., for brick, on Ephriam Ave. and Jackson St. About $190,000.

N. J., Hammonton—High School—Bd. Educ. having plans prepared by H. A. Hill, archt., 40 East State St., Trenton, for 2 story, brick, concrete and steel, rein.-con. flooring, concrete foundation. About $200,000.

N. J., Trenton—High School—Bd. Educ., 9 South Stockton St., having plans prepared for 2 story. About $500,000. W. Poland, business mgr. Private plans.

O., Cleveland — Hospital — Blvd. Hospital & Clinic, c/o A. B. Spurney, Osborn Bldg., having plans prepared by F. D. Skeel, archt., 71st St. Bldg., for 3 story, brick, concrete and steel, rein.-con. flooring, brick and concrete foundation, on East Blvd. and Shaker Rd. About $200,000.

O., Clintonville — School—Bd. Educ., Columbus, having plans prepared by D. H. Smith, archt., Town and High Sts., Columbus, for 2 story, 110 x 180 ft., brick, steel and concrete, here. About $175,000.

O., Columbus—Church—C. A. McAllister, chn. building com., 538 Kresge Bldg., opens bids about July 20, building 2 story, 60 x 90 ft., brick, steel, concrete and stone addition, on East Broad St., for Broad St. Presbyterian Church. About $175,000. Jones & Abernathy, Dispatch Annex, archt.

O., Columbus — High School — Bd. Educ. having plans prepared by Howell & Thomas, archts., 2032 Euclid Ave., Cleveland, for 2 story, on East Broad St. About $1,000,000.

O., Columbus—Schools—Bd. Educ. having plans prepared by D. H. Smith, archt., Town and High Sts., for 2 story, 130 x 170 ft., brick, concrete and steel, on Poplar Ave. About $150,000.

O., Columbus—School—Bd. Educ., Ohio Natl. Bank Bldg., having plans prepared by L. B. Ittner, archt., Bd. Educ. Bldg., St. Louis, Mo., for 4 and 6 story, brick, steel and stone. About $1,500,000.

O., Dayton—Laboratory—See "Industrial Works".

O., Dayton — School — Bd. Educ., Van Buren Twp., having plans prepared by E. S. Mountstephen, archt., 803 U. B. Bldg., for 2 story, brick and concrete, rein.-con. flooring, concrete foundation. About $150,000.

O., Shaker Heights—High School—Bd. Educ. having plans prepared by C. W. Bates, archt., 604 Marshall Bldg., Cleveland, for 3 story, brick, concrete and steel, rein.-con. flooring, brick and concrete foundation, on Woodbury and Woodland Rds. About $400,000.

Ind., Elkhart—Bank—St. Joseph Valley Bank, 214 South Main St., having plans prepared by Hoggson Bros., archts. and engrs., 485 5th Ave., New York City, for 3 story, brick, steel and stone, on South Main and Marion Sts. About $225,000.

Mich., Detroit—Apartment—H. Silverman, 1030 Penobscot Bldg., having plans prepared by M. H. Finkel, archt., 333 Majestic Bldg., for 4 story, brick and steel, rein.-con. and wood flooring, concrete foundation, on 2nd Blvd. and Canfield St. About $250,000.

Mich., Detroit—Mercantile—E. H. Jones, 2128 Penobscot Bldg., having plans prepared by C. H. Crane, Huron Bldg., for 8 story, 38 x 60 ft. rein.con., brick, steel and stone, rein.-con. flooring, concrete foundation, on Madison Ave. About $200,000.

Mich., Detroit — School — Van Leyen, Schilling, Keough & Reynolds, archts., 3440 Cass Ave., opens bids about July 20, building 2 story, 10 room, rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Gratiot Ave. and Grotto Rd., for Assumption of Blessed Virgin Parish, c/o architects. About $150,000.

Mich., Detroit—Theatre—C. W. Brandt archt., 1114 Kresge Bldg., opens bids about July 18, building 2 story, 90x175 ft. rein.-con., brick and terra cotta, rein.-con. flooring, concrete foundation, on Jefferson and Chopin Aves., for Cinderella Theatre Co., care of architect. About $200,000.

Mich., Redford — Church—Redford Baptist Church, c/o H. Davis, pastor, having plans prepared by Lane, Davenport & Peterson, archts., 2320 Dime Bank Bldg., Detroit, for 2 story, 150 x 200 ft., rein.-con., brick and steel, rein.-con. flooring concrete foundation, on Grand River Ave. About $150,000.

Mich., Springwells — Municipal — Village having plans prepared by M. R. Burrowes, archt., 2631 Woodward Ave., Detroit, for 2 story, 72 x 96 ft. rein.-con., brick and stone, rein.-con. flooring, concrete foundation. About $165,000. A. Des Rosiers, 630 McKerchy Bldg., Detroit, engr.

Ill., Chicago—Church and Office—University Church of Disciples, c/o H. Shaw, archt., 39 South State St., having preliminary plans prepared for 1 story, 60 x 100 ft. church and 2 story, 50 x 100 ft. office, both mill construction, concrete foundations, on East 57th St. and University Ave. About $275,000.

Ill., Chicago — Office — J. S. Miller, 38 South Dearborn St., having plans prepared by A. S. Alchuler, archt., 28 East Jackson Blvd., for 21 story, 92 x 123 ft. steel, tile, brick and terra cotta, concrete foundation, on Michigan Blvd. and Plaza. About $2,000,000.

Ill., Chicago—Theatre, Store and Office—A. Flower, c/o Roosevelt State Bank, 35th St. and Grand Blvd., having plans prepared by Z. E. Smith, 305 East 55th St. and A. Anis, 139 North Clark St., archts., for 3 story, 100 x 205 ft. brick, steel and terra cotta, on 35th St. and Grand Blvd. About $450,000.

Ill., Christopher—High School—Bd. Educ. plans to build 2 story, brick and steel. About $150,000. Architect not selected.

Ill., Harrisburg—School—Bd. Educ. having plans prepared by A. L. Barnes, archt., 37 West Van Buren St., Chicago, for 2 story, 140 x 140 ft. steel, concrete, stone and brick, rein.-con. flooring, concrete foundation. About $300,000. Noted March 10.

Buildings (Continued)

Ill., Streator—High School—Bd. Educ. having plans prepared by A. L. Pillsbury, archt., Peoples Bank Bldg., Bloomington, for 2 story, 73 x 125 ft. brick, concrete and steel. About $150,000. H. Fisher, supt.

Ill., West Frankford—Bank—West Frankfort Bank & Trust Co. having plans prepared by Weary & Alford, archts., 1732 South Michigan Ave., Chicago, for 2 story, 42 x 109 ft. brick, stone, marble and steel. About $150,000.

Wis., Three Lakes — High School — Bd. Educ. having plans prepared by Oppenhamer & Obel, archts., Wausau, for 2 story, 62 x 100 ft. brick and concrete, rein.-con. flooring, concrete foundation. Cost between $125,000 and $150,000.

Wis., Watertown — Hotel — Chamber of Commerce having plans prepared by G. F. Keck, archt., 67 East Oak St., Chicago, for hotel, fireproof construction. About $300,000.

Ia., Des Moines—Bank and Office—Iowa Natl. Bank, c/o H. A. Miller, pres., Fleming Bldg., having plans prepared by Boyd & Moore, archts., 1020 West Grand Ave., remodeling Citizens Natl. Bank Bldg., on 6th and Walnut Sts., 7 story, Bedford stone, rein.-con. and steel, rein.-con. flooring. About $300,000.

Ia., Dubuque—Bank and Office—Federal Deposit & Trust Co., 972 Main St., plans to build 8 story, rein.-con., brick and steel. About $300,000. R. Walker, cashier. Architect not selected.

Minn., Hibbing—Hotel—M. J. Moran, prop. Oliver Hotel, plans to build 3 story, 100 x 140 ft. tile and brick, rein.-con. flooring, on 3rd St. About $300,000. Architect not selected.

Minn., St. Cloud—Armory—City defeated $75,000 bonds to build 2 story armory. Noted June 16.

Kan., Wichita—High School—Bd. Educ. having plans prepared by Lorentz, Schmidt & Co., archts., 121 North Market St., for 3 story, rein.-con., brick and steel. About $1,000,000.

S. D., Canton—High School—City voted $165,000 bonds to build 2 story, rein.-con., brick, tile and stone. I. A. Opstad, supt. Bd. Educ. Architect not announced.

S. D. Huron—Hospital—Beadle Co. plans to build 3 or 4 story, rein.-con., brick, tile and stone. About $150,000. H. W. Gardner, aud. Architect not selected.

N. D., Lakota—Court House—Nelson Co. plans to build 3 or 4 story, rein.-con., brick, tile and stone. About $200,000. H. Telander, aud. Architect not selected.

Mo., Cape Girardau—Hall—State Teachers College plans to build 2 story, brick and stone. About $150,000. W. S. Dearmont, pres. Architect not selected.

Mo., Columbia—Church—First Christian Church plans to build 1 story, brick and stone. About $150,000. Architect not selected.

Mo., Columbia—Student Service—Episcopal Church congregation plans to build 2 story, rein.-con., brick and stone. About $150,000. W. L. George, pastor. Architect not selected.

Mo., Kansas City—Apartment Hotel—C. O. Jones, Commerce Bldg., having plans prepared for 4 story, 46 x 132 ft. brick, stone and steel, on 42nd and Locust Sts. About $150,000. Architect's name withheld.

Mo., Kansas City — Memorial — Liberty Memorial Assn. having plans prepared by H. V. Magonigle, archt., 101 Park Ave., New York City, for rein.-con. and stone, opposite Union Sta. About $2,000,000. J. E. McPherson, 9 West 11th St., secy.

Mo., St. Louis — Bank — Federal Reserve Bank, Bway. and Pine St., having plans prepared by Mauran-Russell & Crowell, archts., Chemical Bldg., for 10 and 14 story, rein.-con., stone and steel, on Locust St. and Bway. About $2,000,000.

Mo., St. Louis — Church — First United Presbyterian Church, c/o W. A. Johnson, chn., 3643 Folsom Ave., having plans prepared by J. H. Senne, archt. and engr., Central Natl. Bank Bldg., for 1 story, brick and stone, on Washington and Adelaide Aves. About $150,000. Noted March 24.

Mo., St. Louis—Hotel—C. Ulman, 4540 Lindell St., having plans prepared by W. J. Knight Eng. Co., engrs., Wainwright Bldg., for 8 story, 195 x 230 ft., rein.con., brick and terra cotta, on Kings highway and Lindell St. About $4,000,000.

Mo., Springfield—Hospital—City plans to build brick hospital. About $175,000. Address M. D. Lightfoot, Springfield, pres. Green Co. Health Assn. Architect not selected.

Tex., Abilene—Hospital—Baptist Church plans to build hospital. About $200,000. Address Bd. Trustees, Simmons College, Abilene.

Tex., San Antonio—Hotel and Lodge—I. O. O. F. Lodge opens bids about July 20, building 6 story, 53 x 75 ft., stone and brick hotel and 2 story, 53 x 75 ft., rein.-con. and brick lodge, on Crockett and Nacogdaches Sts. About $200,000. L. Harrington & Co., 607 Frost Bldg., archts.

Okla., Bartlesville — Church — Methodist Congregation plans to build church on Johnstone St. About $250,000. C. C. Cockerill, pastor. Architect not selected.

Okla., Cushing — Church — Christian Church having plans prepared by J. O. Bradley, archt., Pawhuska, for 2 story, brick, steel and stone. About $150,000.

Okla., Pawhuska—School—Bd. Educ. having plans prepared by A. J. Love & Co., archts., Pawhuska, for 2 story, 77 x 135 ft., brick, stone and steel. About $150,000.

Que., Montreal—Theatre—United Amusements Co., 424 St. Catharine St. W., plans to build 100 x 125 ft. on Park Ave. and Bernard St. About $275,000. Architect not selected.

Ont., St. Catharines — Collegiate — Bd. Educ. plans to build 3 story, 20 room, concrete, brick and steel on Geneva St. About $600,000. C. A. McBride, 13 Welland Ave., secy. Architect not selected.

Ont., St. Thomas — School — Bd. Educ. plans to build brick and stone technical school on Talbot St. About $350,000. Prices wanted on all materials. Architect not selected.

Ont., Toronto—Hotel—Northern Hotels Co. Ltd., Massop Hotel, had sketches made by Molesworth, West & Secord, archts., 43 Victoria St., for 15 story, 150 room, rein.-con., brick and steel, concrete foundation, on Yonge St. About $500,000.

BIDS DESIRED

Mass., Westborough—Wards—Until July 21, by Dept. Mental Diseases, W. A. Merrill, business agt., Room 109 E, State House, Boston, altering male wards at hospital, here. Kendall, Taylor & Co., 142 Berkeley St., Boston, archts.; advertised in this issue.

Conn., Warehouse Point—Home—Hartford Co. Home receiving bids constructing 1 story, 40 x 60 ft. brick and steel dining building, two 2 story, 40 x 150 ft. dormitories and two 1 story, 36 x 65 ft. frame structures. Cost between $150,000 and $200,000. M. J. Unkelbach, 162 Main St., New Britain, archt. Noted June 30.

N. Y., Kew Gardens (Jamaica P. O.)—Apartment—Kew Court Corp., c/o L. V. V. Sweezy, archt. and engr., Bible House, New York City, will build 4 story, 125 x 200 ft. brick, steel and stone, concrete foundation, on Metropolitan Ave. About $300,000. Work will be done by separate contract under supervision of architect.

N. Y., Middletown—Hospital—Until Aug. 3, by State Hospital Comn., Capitol, Albany, for construction, heating, sanitary and electric work, kitchen building and connecting corridor, additional accommodations for chronic patients (east group), at State Homeopathic Hospital, here. E. S. Elwood, secy. L. F. Pilcher, Capitol, Albany, state archt.; advertised in this issue.

N. J., Jersey City—Orphanage—Until July 16, by W. Neumann, archt. and engr., 314 Palisade Ave., building brick, steel and stone, concrete foundation, for St. Josephs Orphanage, c/o architect. About $500,000.

Pa., Harrisburg—High School—Until July 22, by D. D. Hammelbaugh, secy. School Dist., 121-123 Chestnut St., building 3 story, 80 x 90 ft., brick and steel on Green and Forster Sts. About $150,000. T. Lloyd, Telegraph Bldg., archt.

Pa., Uniontown—Hospital—Until July 26, by Uniontown Hospital Assn., building 3 story, 36 x 38 ft. and 38 x 168 ft. brick and steel, rein.-con. flooring. About $150,000. H. W. Altman, Uniontown, archt.

Va., Portsmouth—Jail—Until July 18, by city, building new jail. J. P. Jervey, city mgr.; advertised in this issue.

Miss., Magee—Infirmary, etc.—Until Aug. 8, by State Bond Impvt. Comn., at office of T. C. Link, superv. Archt., Dir. Pub. Wks., P. O. Box 636, Magee, constructing 1 nurses home, 1 white and 1 negro infirmary, 1 service building, 1 recreation building, 1 power house and 1 laundry at tuberculosis sanatorium, near here.

O., Ashville—School—Until Aug. 11, by Bd. Educ. Walnut Twp. building 2 story, 75 x 112 ft., brick and concrete. About $175,000. O. D. Howard, 8 East Broad St., Columbus, archt.

O., Cleveland—Library—Until July 22, by Cleveland Pub. Library Bd., Kinney Levan Bldg., constructing 1 story, 87 x 166 ft., brick, concrete and steel, on East 55th St. and Bway. About $150,000. Walker & Weeks, 1900 Euclid Ave., archts.

O., Fairview—School—Until July 28, by Bd. Educ., building 2 story, brick, concrete and steel, rein.-con. flooring, brick and concrete foundation. About $150,000. H. O. Wurmser, Lorain, archt.

O., Lakewood (Cleveland P. O.)—Bank—G. B. Bohm, archt., Williamson Bldg., Cleveland, receiving bids building 2 story, 35 x 86 ft. brick and stone, brick foundation, on Detroit Ave., here, for Depositors Saving & Loan Co., 11735 Detroit Ave. About $150,000.

Ind., Paoli—Sanitarium—Until July 18, by Architectural Industrial Development & Impvt. Co., 118 North La Salle St., Chicago, building 4 and 5 story, 200 x 350 ft. rein.-con. and brick, rein.-con. flooring, concrete foundation, for Paoli Springs Hotel Co.

Mich., Detroit—Apartment and Store—Bonnah & Chaffee, archts., 528 Farwell Bldg., receiving bids building 4 story, rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Hamilton Blvd., for L. Schmied, 1440 Seyburn Ave. About $150,000.

Mich., Ironwood—Memorial—Until Aug. 9, by City, care of C. Searman, clk., building 2 story, rein.-con., brick and tile. About $150,000. Bell & Kinports, 1624 Hennepin Ave., Minneapolis, Minn., archts. Noted Mar. 31.

Ill., Joliet—High School—Until July 19, by Bd. Educ. and D. H. Burnham & Co., archts., 209 La Salle St., Chicago, building 3 story, 228 x 240 ft. brick, stone and steel, concrete foundation. About $300,000. Noted June 3.

Ill., Toulon—School—Until July 19, by Bd. Educ. and Hewitt & Emerson, archts., 321 Main St., Peoria, building 2 story, brick, stone, rein.-con. and steel. About $150,000. J. A. Newlan, secy.

Wis., Milwaukee—Apartment—Until July 18, by M. Tullgren & Sons, archts. and owners, 425 East Water St., building 7 story, 62 x 70 x 80 ft. brick and concrete, rein.-con. flooring, concrete foundation, at 6 Prospect Ave. About $300,000. Noted July 7.

Wis., Shorewood (Milwaukee P. O.)—High School—Until July 25, by School Bd., building 2 story addition and central heating plant, rein.-con. and brick, rein.-con. flooring, concrete foundation, on Atwater Rd. About $225,000. J. E. Williams, clk. R. Messner & Bro., 221 Grand Ave., archts. Noted April 7.

Minn., Faribault—Hospital—Until July 20, by St. Lucas Hospital building 4 story, 44 x 101 ft., rein.-con., brick, tile and stone. About $150,000. Schippel & Schmidt, Kruse Bldg., Mankato, archts. Noted Feb. 10.

Minn., Virginia—School—Until July 26, by Bd. Educ., building 3 story, rein.-con., brick, tile and stone. About $300,000. R. J. McGhee, clk. Kelly & Schefchik, 1006 Alworth Bldg., Duluth, archts. Noted Nov. 11.

Kan., Topeka—School—Until July 19, by State Bd. Administration, Topeka, building 2 story, 56 x 92 ft. with 2 wings, brick and stone. About $150,000. R. L. Gamble, Capitol Bldg., Topeka, state archt.

Buildings (Continued)

Neb., Omaha—High School—Until July 28, by Bd. Educ., City Hall, building 4 story, 210 x 240 ft., rein.-con. and stone, on Burt, Cumings, 30th and 33rd Sts. About $2,000,000. W. E. Burke, secy. F. W. and E. Clarke, 640 Paxton Blk., archts.

Mo., Kansas City—Assembly Hall, etc.—Until July 19, by Boys Hotel, c/o A. O. Thompson, 18th and Waldrond Sts., building 4 story, 44 x 89 ft., brick, stone, steel and terra cotta assembly hall and swimming pool, on Admiral & Vine Sts. About $150,000. C. B. Sloan, 321 East 11th St., archt.

Mo., St. Louis—Hospital—Until July 24, by C. H. Wray, archt., Rialto Bldg., constructing 6 story, 100 x 200 ft., brick, stone and concrete, on Grand St. and Shaw Ave., for Missouri Pacific R.R., c/o A. Vasterlin, California and Eads Sts. About $450,000. Noted July 7.

Mo., St. Louis—Hospital—A. B. Groves, archt., Stock Exch., receiving bids building 7 story, 160 x 280 ft. brick, stone and steel, on Belleview and Clayton Sts., for Sisters of St. Mary, 1536 Papin St. About $1,000,000. Noted March 3.

Cal., Lancaster—High School—Until July 25, by Trustees Antelope Valley Union High School Dist., constructing 2 rein.-con. schools and altering present building. About $200,000. Noted Dec. 23.

Ont., Ottawa—Hospital—Until July 21, by D. M. Finnie, chn. Hospital Bd., building 5 story, rein.-con., brick, tile and steel, rein.-con. flooring, concrete foundation, on Carling and Parkdale Aves., for city. About $2,500,000. J. A. Ewart, Jackson Bldg., and Stevens & Lee, 62 Charles St. E., Toronto, archts.

Ont., Toronto—Office—General Accident Assurance Co. of Canada, Continental Life Bldg., receiving bids building 8 or 10 story, 81 x 87 ft. rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Bay and Temperance Sts. About $300,000. F. S. Baker, 67 Yonge St., archt. Noted June 30.

Ont., Walkerton — High School — Until Aug. 1, by Ellis & Ellis, archts., Manning Chambers, Toronto, building 2 story, 10 room, rein.-con. brick and steel, concrete foundation, for School Bd. About $170,000.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**N. H., Warren**—Infirmary—State Hospital Bd., State House, Concord, let contract building 2 story, 60 x 180 ft. tile and stucco, at Glencliff Station, to H. P. Cummings Constr. Co., Ware, Mass. About $150,000. Noted June 9.

★**Mass., Agawam**—High School—School Bldg. Com. let general contract building 2 story, 60 x 140 ft. brick and steel, concrete foundation, on Main St., to E. T. Davis & Son, 182 Lebanon St., Springfield, $176,881. Noted June 16.

Mass., Belchertown—Custodial and Dormitory—State Dept. Mental Diseases, 109 Statehouse, Boston, opened bids July 7, building 3 story, 33 x 90 ft. custodial building with two 20 x 42 ft. wings, 3 story, 33 x 89 ft. dormitory, with 21 x 33 ft. and 33 x 84 ft. wings, both brick, and 2 tile and stucco cottages, from Genl. Building Co., 524 Harrison Ave., Boston, $187,000; D. Hanos, 575 Main St., Springfield, $192,503; R. H. Provencal, Ware, $196,100. Noted June 30.

★**Mass., Boston**—Hospital—Boston Lying-In Hospital, 24 McLean St., let contract building 4 and 5 story, 43 x 173 ft. with two 32 x 36 ft. wings, brick, on Longwood Ave., to Whiddin-Bukman Co., 80 Boylston St. About $300,000.

★**Mass., Holyoke**—Home—Holyoke City Hospital let contract building 3 story nurses home, brick, steel and concrete, rein.-con. flooring, concrete foundation, on Beech St., to Casper Ranger Constr. Co., 20 Bond St. About $150,000.

★**Mass., Lawrence**—School—City let contract building 3 story, 30 x 104 ft. with two 33 x 125 ft. wings, brick, concrete foundation, on Irving Ave., to A. D. Shufelt, 102 Cambridge St. About $175,000. Noted June 23.

★**Mass., Longmeadow (Springfield P.O.)**—High School—Town let contract building 2 story, 70 x 109 ft. brick and steel, rein.-con. flooring, concrete foundation, on Colton Pl., to J. G. Roy & Sons Co., 21 Silver St., Springfield. About $175,000. Noted June 23.

★**Mass., Northampton**—Dormitories—Bd. Trustees Smith College let contract building three 3 story 40 x 200 ft. brick, steel and concrete, rein.-con. flooring, concrete foundations, on Paradise Rd., to J. P. Keating, Westboro. About $700,000. Noted May 26.

★**N. Y., Brooklyn** — Apartment — Park Land Co., c/o Springsteen & Goldhammer, archts. and engrs., 32 Union Sq., New York City, will build 6 story, brick, steel and stone, concrete foundation, at 107 Eastern Parkway, here About $250,000. Work will be done by day labor.

★**N. Y., Brooklyn**—Apartment—A. Steinberg, c/o McCarthy & Kelly, archts. and engrs., 16 Court St., will build 4 story, brick, steel and stone, concrete foundation, on East 21st St. Work will be done by day labor.

★**N. Y., Brooklyn**—Apartments—Wolfman & Stolzenberg, 1043 Pacific St., will build two 5 story, brick, steel and stone, concrete foundations, on Franklin Ave. and Union St. About $150,000 each. Work will be done by day labor.

★**N. Y., New York**—Apartment—A. Campagna, 200 West 72nd St., will build 9 story, brick, steel and stone, concrete foundation, at 246 West 75th St. About $525,000. Work will be done by day labor. G. F. Pelham, 200 West 72nd St., archt. and engr.

★**N. Y., New York**—Apartment and Store—W. J. Diamond, c/o C. S. Clark, archt. and engr., 441 Tremont Ave., will build 6 story, 125 x 160 ft. brick, steel and stone, concrete foundation, at 525 West 162nd St. About $225,000. Work will be done by day labor. Noted June 30.

★**N. Y., New York** — Apartment — Echo Park Constr. Co., Inc., c/o Shampan & Shampan, archts. and engrs., 50 Court St., Brooklyn, will build 5 story, brick, steel and stone, concrete foundation, on Grand Concourse and Echo Pl., Bronx. About $250,000. Work will be done by day labor.

★**N. Y., New York**—Apartments—Jessup Realty Co., Inc., c/o C. Schaefer, archt. and engr., 394 East 150th St., will build two 5 story, brick, steel and stone, concrete foundations, on Jessup Ave. About $150,000 each. Work will be done by day labor.

★**N. Y., New York**—Apartment—Two Hundred Forty-Four West 74th St. Corp., 377 Bway., will build 9 story, brick, steel and stone, concrete foundation, on West 74th St. About $300,000. Work will be done yb day labor. G. F. Pelham, 200 West 72nd St., archt. and engr.

★**N. Y., New York**—Loft—R. H. Davis, 3 East 43rd St. let contract building 16 story, 50 x 100 ft., brick, steel and stone, concrete foundation, at 66-70 West 40th St., to Leddy & Moore, 105 West 40th St. About $500,000.

★**N. Y., New York**—Store—L. M. Blumstein, 230 West 125th St., let contract building 5 story brick, steel and stone addition, brick foundation, at 236 West 125th St., to C. A. Cowan, 30 East 42d St. About $1,000,000. Noted March 3.

★**N. Y., New York**—Theatre and Store—Bway. & Hamilton Pl. Corp., c/o H. J. Krapp, archt. and engr., 116 East 16th St., will build brick, steel and stone, concrte foundation, on 138th St. and Bway. About $600,000. Work will be done by day labor.

★**N. J., Bordentown**—Industrial School—State Bd. Educ., State House, Trenton, let general contract building auditorium and gymnasium, to Karno-Smith Co., Broad St. Bank Bldg., Trenton, $111,754; laundry, to J. H. Morris Co., Broad St. Bank Bldg., Trenton, $5,143.

★**N. J., Newark** — Clubhouse — J. Green, archt. and engr., 31 Clinton St., let contract to G. A. Fuller Co., 949 Bway., New York City, building 11 story, 100 x 150 ft., at 16 Park Pl., for Newark Athletic Club, c/o architect. About $1,000,000. Noted June 2.

★**Pa., Jeanette**—High School—Bd. Educ. let contract building 2 story, 125 x 225 ft. brick and steel, rein.-con. flooring, to Standard Constr. Co., 1713 Sansom St., Phila., $254,500. Noted June 23.

★**Pa., Meadville**—Theatre and Hotel—Meadville Theatre Corp. let contract building 1½ and 2 story, 23 x 57 ft. and 78 x 143 ft. brick and steel, rein.-con. flooring, on Chestnut St., to F. C. Danner, New Kensington. About $250,000.

★**Pa., Pittsburgh**—Sales—W. W. Martin Co., 5847 Center Ave., let contract constructing 3 story, 100 x 140 ft. sales and service building on Ravenna St. and South Highland Ave., to Austin Co., Union Arcade. About $150,000.

★**Pa., Pottsville** — Bank — Safe Deposit Bank, 211 South Centre St., let contract building 50 x 100 ft. brick, steel and stone on Centre St., to F. W. Van Loon, Perry Bldg., Phila. About $250,000.

★**W. Va., Huntington**—High School—Bd. Educ. let contract building 3 story on Washington Ave., to C. H. Smith, Robson-Prichard Bldg. About $195,000. Noted June 9.

★**O., Alliance**—Memorial—Mt. Union College let contract building 2 story, 93 x 156 ft. brick, steel and stone, brick foundation, to Austin Co., 16112 Euclid Ave., Cleveland. About $200,000. Noted Sept. 2.

O., Bedford—School—Bd. Educ. received bids June 25, building 2 story, on Bway., from Clemer & Johnson Co., 406-7 Metropolitan Bldg., Akron, $98,900*; Alexander Bros., Williamson Bldg., Cleveland, $99,473; heating work, from H. P. Cahill, Exchange St., Akron, $38,695. Noted June 9.

★**O., Cleveland** — Hotel — I. Margolin, 10527 Churchill Ave., let masonry contract for 5 story, 40 x 70 ft., brick, concrete and steel addition, rein.-con. flooring, brick and concrete foundation, at 3848 Prospect Ave., to I. Narosny, 476 East 112th St. Total cost $200,000.

Mich., Battle Creek—School—Bd. Educ. received bids building 3 story, rein.-con., brick and steel, rein.-con. flooring, concrete foundation, from R. G. Phelps, Battle Creek, $266,514; S. B. Cole, Reese Rd., $284,540; O. F. Miller Kalamazoo, $292,596.

★**Ill., Dundee**—High School—Bd. Educ. let contract building 2 story, 175 x 175 ft. rein.-con. concrete foundation, to C. Giertz & Son, Main St., Elgin. About $300,000. Noted Jan. 27.

★**Ill., Jacksonville** — Hospital—Poor Saviours Hospital let contract building 3 story, 60 x 85 ft. rein.-con., stone and hollow tile, to V. Jobst & Sons, Lehman Bldg., Peoria. About $150,000. Noted June 23.

★**Ill., Springfield** — High School — Bd. Educ. let contract building Fitzeshaus School, 2 story, 70 x 180 ft. with 65 x 90 ft. ells, brick to C. H. Schenk, 2115 South 4th St., $157,996. Noted June 16.

★**Wis., Madison**—High School—Bd. Educ. let contract building 3 story, 68 x 265 ft. brick, concrete and steel, rein.-con. flooring, concrete foundation, on East Washington St., to A. D. and J. V. Frederickson, 702 East Main St., $217,997. Noted June 9.

★**Wis., Rhinelander**—Theatre and Office—P. Rowman, Main St., let contract building 2 story, 85 x 150 ft. brick, concrete and steel, rein.-con. flooring, concrete foundation, to H. J. Selmer Co., McCartney Bank Bldg., Green Bay. About $150,000. Noted May 12.

Wis., Wausau—Hospita —St. Marys Hospital let contract building 4 story, rein.-con. and brick addition, rein.-con. flooring, concrete foundation, to Hutter Constr. Co., 128 Western Ave., Fond du Lac. About $200,000.

★**Ia., Davenport**—Temple—Masonic Lodge and Park Lane Bldg. Comn. let contract building 6 story, 150 x 160 ft. rein.-con., brick, stone, terra cotta and steel, between Brady and Main Sts., to J. Sofeor & Son Constr. Co., 337 Masonic Temple. About $1,000,000; cost plus percentage basis.

★**Ia., Ft. Dodge**—Office—W. F. Garver, Central Ave. S.E., and 19th St., let contract building 6 story, 70 x 140 ft., rein.-con., brick, steel and stone, on Central Ave., to C. E. Larson, Ft. Dodge. About $150,000. Noted June 9.

★**Ia., Harlan**—Shelby Co. let contract building 16 rein.-con. box culverts, 11 circular culverts, one 20 x 70 ft. and one 20 x 60 ft. steel pony truss bridges, one 20 x 40 I beam span, etc., on Primary Rd. 7, east of here, to F. E. March & Co., Jefferson, $47,900. Noted June 30.

Buildings (Continued)

★Ia., Vinton—High School—Bd. Educ. let contract building 3 story, 115 x 144 ft. brick and steel, to Sugarman Constr. Co., 6th and Grand Aves., Des Moines. About $200,000. Noted June 16.

★Minn., Minneapolis — Church — Minnesota Baptist Convention, 529 2d Ave., let contract building 30 x 106 x 154 ft. rein.-con., brick, tile and stone, at 1225 University Ave. S. E., to W. D. Lovell, 1415 8th St. S. E.

★Minn., Minneapolis—School and Auditorium—St. Lawrence Roman Catholic Congregation, 1121 7th St., S. E., let general contract building 2 story, 89 x 111 ft., rein.-con., brick, tile and stone, on 5th Ave. and 12th St., S. E., to Splady, Albee & Haagenson, 1022 Plymouth Bldg. About $90,000. Noted June 9.

★Kan., Lawrence—University—University of Kansas let contract building 4 story, 100 x 180 ft., to A. R. Stimson, 1516 Boswell St., Topeka. About $500,000. Noted April 28.

★Kan., Lyndon—Court House and Jail—Osago Co. let general contract building 3 story, 83 x 100 ft. and 1 story, 28 x 39 ft., concrete, steel, brick, tile and stone, to M. J. Green, Manhattan, $196,600. Noted June 9.

★Neb., Omaha—Apartment and Theater—Ames Realty Co., Natl. Bank Bldg., let contract building 3 story, 125 x 133 ft., rein.-con., brick and terra cotta, on 24th and Ames Sts., to G. W. Stiles Constr. Co., 1218 First Natl. Bank Bldg., $185,394.

N. D., Fargo — Agricultural — State Bd. Administration, Bismark, received bids June 30, building 3 story, 55 x 145 ft. rein.-con., brick, tile and stone, at State Agricultural College here, from T. F. Powers & Co., 419 8th St., N., $96,000; R. J. Cheney & Co., 716 11th Ave., Minneapolis, $103,000; Meinecke-Johnson Co., 11 Bway., $103,500. Noted June 16.

★Minn., St. Paul — Church, School and Rctory—Church of St. Mary, 393 East 9th St., let general contract building rein.-con., brick, tile and stone on East 8th St. and Rosabel St., to E. J. Dunnigan, 721 Guaranty Life Bldg. About $140,000. Noted June 9.

★Mo., St. Louis—Apartment Hotel—Thirty-Sixth St. Realty Co., 111 North 7th St., let contract building 12 story, brick and terra cotta, rein.-con. flooring, on Grand and Lindell Sts., to P. J. Bradshaw, archt., International Life Bldg. About $1,000,000. Architect builds and sublets. Noted May 19.

Tex., San Antonio—Office—Waverick Estate let contract building 15 story, 65 x 120 ft., rein.-con. and hollow tile, rein.-con. flooring, on Houston St., to C. M. Schoenfield, 324 Houston Ave. About $300,000.

★Que., Montreal—School—Catholic School Comn., 36 St. Catherine St. E., let contract building 3 story, 75 x 95 ft. concrete, brick and steel, concrete foundation, on Sherbrooke St. E., to A. Gratton, 142 5th Ave. About $167,000.

★Ont., Guelph—College—Ontario Agricultural College let contract constructing veterinary college and dairy building, 2 story, concrete, brick and steel, rein.-con. flooring, concrete foundation, to Schultz Bros., Brantford, $271,500. Noted June 2.

★Ont., Hamilton—Nurses Home—Hospital Bd. let general contract building 5 story, 45 x 175 ft. rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Barton St. E. and Euclid Ave., to W. H. Yates Constr. Co., 17 Main St. E. About $300,000. Noted July 7.

★Ont., Toronto — Skating Rink — Toronto Skating Club, Excelsior Life Bldg., let general contract building 1 story, concrete, brick and steel, concrete foundation, on Dupont St., to H. N. Dancey & Son, 22 College St. About $105,000. Noted April 28.

Federal Government Work

PROPOSED WORK

H. T., Pearl Harbor—Foundations—Spec. 4396—Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids received June 29 constructing foundations for machine shop, here. Noted July 7.

BIDS DESIRED

N. Y., Iona Island—Bower Plant Improvements—Spec. 4215—Until July 27, by Bureau Yards & Docks, Navy Dept., Wash., D. C., improving power plant, here; $10 deposit required for plans and specifications.

D. C., Wash.—Portland Cement—Until July 17, by A. L. Flint, genl. purch. officer of Panama Canal, Wash., furnishing 10,000 bbl. Portland cement, on docks at Cristobal or Balboa, Canal Zone.

D. C., Wash.—Repairs to Mechanical Equipment—Until July 22, by Treas. Dept., repairing in Treasury Annex 1, Butler, Winder and Auditors buildings. J. A. Wetmore, acting superv. archt.

Va., Quantico—Storage Buildings—Spec. 4467—Until July 27 by Bureau Yards & Docks, Navy Dept., Wash., D. C., constructing at incinerator, here; $10 deposit required for plans and specifications. Noted June 30.

Mo., St. Louis—Hydraulic Dredge—Mississippi River Comn., International Life Bldg., receiving bids furnishing 12 in. hydraulic dredge for Mississippi River. About $112,000.

Tex., Galveston—Dredge Pumps—Until July 20, by U. S. Engineer, furnishing 2 dredge pumps; advertised in this issue.

Tex., Galveston—Submerged Riprap Spurs—Until July 25, by U. S. Engineer, constructing from North Jetty at Port Arkansas; advertised in this issue.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

N. Y., Buffalo — Hospital Alterations — Treas. Dept., Wash., D. C., received bids July 7 altering Marine Hospital 3 and fitting up a room for physiotheray treatment, etc., from Power Efficiency Corp., White Bldg., $2,800 (20 days); C. J. Gleason, 1526 Walton Way, Augusta, Ga., $4,200 (60 days); C. F. Mentzingers Sons, Brooklyn, $4,500 (120 days). Noted June 23.

★N. Y., New York—Dredging and Rock Removal—U. S. Engineer, Army Bldg., 39 Whitehall St., let contract for dredging and rock removal in East River, to Arundel Corp., 2 Pratt St., Baltimore, $1,062,892. Noted June 3.

N. Y., Stapleton — Officers Quarters — Treas. Dept., Wash., D. C., received bids constructing at Marine Hospital, here, from B. Diamond, 12 Bergen St., Brooklyn, $16,726; Hillard & Pearce, New York City, $17,379; M. D. Lundin, 240 East 119th St., New York City, $17,300. Noted March 3.

N. Y., Stapleton—Mechanical Equipment—Treas. Dept., Wash., D. C., received bids July 11, furnishing at Officers Quarters, here, from Heller Bros., 90 West St., New York, $3,980 (60 days); J. R. Proctor, New York City, $4,340 (100 days); E. J. McCabe, 574 2nd Ave., New York City, $4,900 (50 days). Noted June 23.

★W. Va., Wheeling—Structural Steel, etc.—U. S. Engineer, Post Office Bldg., let contract furnishing 200 ton steel for beartraps at Dam 13, Ohio River, to J. Eichleay Co., 20th and Wharton Sts., Pittsburgh, Pa. About $31,000. Noted June 16.

★N. C., Wilmington—Post Office—Treas. Dept., Wash., D. C., let contract remodeling postoffice, here, to J. Devault, Massillon Rd., Canton, O., $10,251 (60 days).

★S. C., Charleston—Repairs to Dredge—U. S. Engineer, Munitions Bldg., Wash., D. C., let contract repairing dredge "Barnard," here to Charleston Dry Dock & Machine Co., South 6th St., $22,599.

★S. C., Spartanburg—Mailing Vestibule, etc.—Treas. Dept., Wash., D. C., let contract constructing new mailing vestibule, extending driveway, etc., at postoffice, here, to J. Devault, Massillon Rd., Canton, O., $4,707 (90 days). Noted June 9.

Ky., Dawson Springs — Sub-Station — Treas. Dept., Wash., D. C., received bids July 11, constructing outdoor electric substation, at Pub. Health Hospital, here, from Strang Electric Co., 214 South 7th St., Phila., $7,120 (90 days); Hoosier Eng. Co. 208 Saks St., Indianapolis, Ind., $7,365 (30 days); McCarty Bros. & Ford, 75 West Mohawk St., Buffalo, N. Y., $7,950 (75 days). Noted June 30.

O., Cleveland—Steam Piping—Treas. Dept. Wash., D. C., received bids constructing new steam piping, at Marine Hospital, here, from W. B. Van Sickle, Marrillon Rd., $5,258 (50 days); C. J. Gleason, 1526 Walton Way, Augusta, Ga., $5,230. Beck & Seidel, 324 Prospect St., $8,500 (60 days).

★Mich., Flint—Vestibule—Treas. Dept. Wash., D. C., received bids July 6 constructing in postoffice, here, from G. A. Burley Co., Flint, $11,668; D. Stewart & Co., Janesville, Wis., $13,039; G. E. Wright, 7201 Paxton Ave., Chicago, $13,600. Noted June 23.

★Mich., Grand Rapids—Mailing Vestibule—Treas. Dept., Wash., D. C., let contract constructing mailing vestibule in postoffice, here, to W. McDonald Constr. Co., Odd Fellows Bldg., St. Louis, Mo., $15,794 (90 days). Noted Jan. 20.

★Mich., Sault St. Marie—Dike—U. S. Engineer, Munitions Bldg., Wash., D. C., let contract constructing, here, to G. O. Comb, Sault St. Marie, $15,470.

★Kan., Ft. Leavenworth — Shop — U. S. Government let contract building 1 story, 250 x 1,000 ft. mechanical repair shop, brick, stone and rein.-con., here, to Murch Bros. & Co., Bway. Exch. Bldg., St. Louis, Mo. About $392,000. Noted June 30.

★Mo., Carrollton — Boiler — Treas. Dept., Wash., let contract installing new heating boiler, in postoffice, here, to Bradley Heating Co., 3830 Oliver St., St. Louis, $2,170 (60 days).

★Ark., Little Rock—Heating System—Treas. Dept., Wash., D. C., let contract installing low pressure steam heating system, in postoffice and court house, here, to W. Wilby, Selma, Ala., $10,963 (90 days).

★Wash., Puget Sound—Fire Alarm Addition—Spec. 4440—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract constructing additions to fire alarm system, here, to Gamewell Fire Alarm Telegraph Co., 70 East 45th St., New York City, $9,687 (60 days). Noted June 23.

★Cal., San Diego—Steam Distributing System—Spec. 4442—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract installing, here, to W. C. Merritt Co., 727 7th St., $9,831 (90 days). Noted July 7.

Dams

PROPOSED WORK

Dam—Springville, N. Y.—Town voted $100,000 bonds to build dam for electric power supply.

Dam—Linn Creek, Mo.—See "Industrial Works."

Dams — Broken Bow, Okla. — Hugo Hydro-Electric Power Co., Hugo, plans to build 3 dams on unit plan, Mountain Fork Dam, (first to be constructed), 200 ft. high, estimated 125,000 hp.; Little River Dam, 200 ft. high, 75,000 hp.; Kiamichi River Dam, 100 ft. high, 50,000 hp., 10 mi. northeast of here. W. L. Larimore, secy. Engineer not selected.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★Dam—St. Thomas, Ont.—City let contract building rein.-con. storage dam across Kettle Creek, to Webster Constr. Co., Bank of Toronto Bldg., London. About $115,000. Prices wanted on concrete and reinforcing materials. Noted June 23.

Miscellaneous

PROPOSED WORK

Pipe, Valves, etc.—Spingwells, Mich.—Town plans to lay 8,000 ft. Class B, 10 in., 4,000 ft. Class C, 8 in. and 20,000 ft. Class C, 6 in. c.i. pipe, seventeen 6 and 8 in.

Miscellaneous **(Continued)**

gate valves, three 12 x 10 and 10 x 6 reducers, twenty-five 10 x 6 in., 8 x 6 in. and 6 x 6 in. crosses, forty-eight 10 x 8, 10 x 6, 8 x 8, 8 x 6 and 6 x 6 in. T's, fifty-five 6, 8 and 10 in. plugs. Pipe will probably be purchased and work done by village under separate contract. B. P. Esper, village clk.

Elimination of Grade Crossings—Milwaukee, Wis.—Chicago, Milwaukee & St. Paul Ry., Ry. Exchange Bldg., Chicago, plans to depress tracks from Clarke St. south to point beyond 35th St. crossing, and elevate beyond Clarke St. About $2,000,000. Work will be done by day labor. C. F. Loweth, ch. engr.

Steam Engine and Rock Crusher—Neosha, Mo.—City plans to purchase steam engine and rock crusher for grading and surfacing 10 blocks of West Main St. About $10,000. C. E. Prettyman, mayor.

Grain Elevator—Miles City, Mont.—C. Hanson plans to build grain elevator, concrete. About $100,000. Architect not announced.

Subway—North Little Rock, (Little Rock P. O.), Ark.—City plans to build rein.-con. and steel subway under Missouri Pacific R.R. tracks starting at 8th and Main Sts. and extending north to 12th and Main Sts. About $300,000. J. G. Lawrence, City Hall, engr.

Bunkering Equipment—Montreal, Que.—Montreal Harbour Comn. soon receives bids furnishing bunkering equipment. About $50,000. J. Kennedy, 57 Commissioners St., engr.

BIDS DESIRED

Asphalt Road Oil, etc.—Brooklyn, N. Y.—Until July 20, by E. Riegelmann, boro pres., Boro Hall, furnishing and delivering 100,000 gal. asphalt road oil, 129,300 ft. lumber, manhole heads and covers, etc.

Gasoline, etc.—New York, N. Y.—Until July 19, by H. H. Curran, pres. Manhattan Boro,, Municipal Bldg., furnishing and delivering 20,000 gal. gasoline and 10,000 bags Portland cement.

Paving Gravel—New York, N. Y.—Until July 20, by H. Bruckner, pres. Bronx Boro, Municipal Bldg., Crotona Park, Tremont and 3rd Ave., furnishing and delivering 500 cu.yd. paving gravel, 1,500 cu.yd. fine sand, 5,000 bags Portland cement, 20,000 gal. bituminous road surfacing material (for hot use).

Substructure of Pier—Phila., Pa.—Until Aug. 1, by G. F. Sproule, dir. Dept. Wharves, Docks and Ferries, 550 Bourse Bldg., constructing substructure of Girard Pier, No. 3, North Delaware River; advertised in this issue.

Roof—Concord, N. C.—Bd. of Light and Water Comrs. in market to purchase roof to cover clear water reservoir, 72 ft. dia., also iron fence to enclose plants and grounds. L. A. Fisher, supt.

Electric and Power Wiring—Cleveland, O.—City received bids July 1, installing electric and power wiring for city hospital buildings (now under construction), from Progressive Electric & Eng. Co., West 14th St., $102,500; Parker Electric Co., 1837 Euclid Ave., $110,024; Dingle-Clark Co., Engineers Bldg., $111,200. Noted June 23.

Crane—Detroit, Mich.—Dept. Purchase & Supplies, Marquette Bldg., receiving bids furnishing one 6 ton electric traveling crane with 2 yd. clamshell bucket, for asphalt plant.

Lighting Conduits—Detroit, Mich.—Until July 25, by F. Mistersky, secy. Public Lighting Comn., Atwater St., furnishing labor and material for building lighting conduits for lighting system on various streets, including lamp post foundations lamp posts, manholes and handholes.

Breakwater — Milwaukee, Wis. — Until July 18, by Park Bd. constructing 260 ft. rubble mound breakwater from Russell Ave. to southern city limits, on Lake Shore Drive 3, involving 15,000 ton stone. Cost between $50,000 and $60,000. G. Staal, City Hall, engr.

★Swimming Pool — Des Moines, Ia. — Pearse, Robinson & Sprague, archts., 261 Arts Bldg., let contract to Stark & Knotts, 204 5th St. building 10 x 150 x 350 ft. rein.-con. swimming pool at Camp Douglas, near here, for State Military Comn., Capital, Des Moines. About $33,105. Noted July 7, under Camp Dodge.

Gravel Loading Machine—Valley City, N. D.—Barnes Co. let contract for gravel loading machine, to Russell Grader Mfg. Co., 2005 University Ave., S. E., Minneapolis. About $2,550.

Sluice Gates—Los Angeles, Cal.—Until July 18, by Bd. Supervs. Los Angeles Co. furnishing two steel sluice gates, 7 ft. diameter, 20 ton each, for Devils Gate Dam.

Timber Grillage, Training Pier, etc.—Poupore, Que. — Until July 26, by Dept. Pub. Wks., Ottawa, Ont., building timber grillage, concrete walls, and training pier, involving 400 cu.yd. fill, 600 cu.yd. concrete. About $30,000. E. Lafleur, Dept. Pub. Wks., Ottawa, engr.

Pipe, etc.—Dartmouth, N. S.—Until July 19, by H. E. R. Barnes, town engr., furnishing 1,400 ft. 12 in., 2,000 ft. 9 in., 1,000 ft. 6 in. and 2,000 ft. 4 in. vitr. clay sewer pipe, 24 six in. and 24 four in. elbows, 45 ton 6 in. bell and spigot c.i. water pipe, 5 c.i. water pipe T's, 5 c.i. water pipe crosses, 12 gate valves, etc.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★Asphaltic Paving Cement—New York, N. Y.—H. H. Curran, pres. Manhattan Boro., Municipal Bldg., let contract furnishing 600 ton asphaltic paving cement, to Warner-Quinlan Co., 79 Wall St., $13,938. Noted July 7.

★Bulkhead Wall—New York, N. Y.—M. Hulbert, comr. Docks, Pier "A," foot of Battery Pl., let contract building bulkhead wall at and near foot of Battery Pl., Contr. 1719, to Lustig & Weil, 103 Park Ave., $81,650. Noted July 7.

Terminal Freight House—Rochester, N. Y.—C. L. Cadle, supt. Pub. Wks., Capitol, Albany, received bids July 1, building terminal freighthouse here, Contr. 230, from W. F. Martens, 53 Franklin St., $182,399; Lustig & Weil, 103 Park Ave., New York City, $193,890; McCann Bldg. Co., Sheridan Ave. and Dove St., Albany, $204,635. Noted June 9.

Shafts—Jersey City, N. J. — New York State Bridge & Tunnel Comn. and New Jersey Interstate Bridge & Tunnel Comn., Room 617 Hall of Records, New York City, received bids July 12, building 2 shafts for vehicular tunnel under Hudson River, here, from Holbrook-Cabot & Rollins, 52 Vanderbilt Ave., New York City, $380,000; Jocylen Constr. Co., Bayonne, $428,000; T. Crimmins Contg. Co., 126 East 59th St., New York City, $450,000. All bids rejected owing to controversy over hour of opening. New bids July 19. Noted June 23.

Marine Terminals—Wilmington, Del.—Bd. Harbor Comrs., 351 Municipal Bldg., received bids building unit No. 1 of marine terminals from Hughes-Foulkrod Co., Commonwealth Bldg., Phila., $1,311,000; Snare & Treist Co., 8 West 40th St., New York City, $1,327,600; J. R. Wiggins Co., Otis Bldg., Phila., $1,365,500. All bids and unit prices on this project may be obtained by writing Engineering News-Record.

★Stadium—Columbus, O.—Ohio State University let contract building steel and concrete, to E. H. Latham Co., 40 East Broad St., $1,391,180. Noted June 30.

★Portland Cement—St. Paul, Minn.—City let contract furnishing 1,600 bbl. Portland cement for filtration plant, to St. Paul Builders Material Co., 605 Ryan Annex, $2.43 per bbl. f.o.b. cars. Noted May 26.

★Reinforcing Steel—St. Paul, Minn.—City let contract furnishing 57 ton reinforcing steel for water dept., to Speers-Jevne Co., Builders Exch. Bldg., Minneapolis, $3,320 f.o.b. St. Paul. Noted June 23.

★Pipe—Santa Monica, Cal.—City let contract furnishing 35,000 ft. Class B, 4-12 in. water pipe, to Grinnell Co., 439 East 3rd St., Los Angeles, $65,666.

★Culverts — Ontario — Dept. Pub. Highways, Parliament Bldgs., Toronto, let contract building concrete culverts in York Twp., Contr. 429, involving 5,000 cu.yd. earth excav. and 1,200 cu.yd. rein.con., to Castillani Constr. Co., Excelsior Life Bldg., Toronto. About $40,000. Cement and steel bought by owners. Noted May 26.

Application received by the Federal Power Commission from May 14 up to and including June 18.

212. Hirst, Chicago of Mining Co., 316 First Ave S., Seattle, Wash. Preliminary permit for dam at outlet of small lake, pipe line 1,800 ft. to power house at head of Didrickson Bay, Chicago of Island, Alaska, for power for mining.

213. J. H. Cann, Box 281, Juneau, Alaska. License for diversion dam in Cann Creek at the middle power site, small pipe line, 1,000 ft. to 75 hp. air compressor, at head of Lisianski Inlet, Alaska, for power for mining.

214. Dixie Power Co., Title Guaranty Bldg., St. Louis, Mo. Preliminary permit for dam for power development in the North Fork-White River, near its junction with White River in Baxter County, Ark., for public utility.

215. California Oregon Power Co., San Francisco, Cal. Preliminary permit to construct one or two dams and power plants in Klamath River, affecting the river from Sect. 8, T. 41 S., R 6 E., W.M., to Sect. 31, T. 39 S., R. 7 E., in Klamath Co., Ore., for public utility.

216. Original Mining & Milling Co., Merced, Cal. Preliminary permit for small diversion dam in Merced River ½-mi. conduit to power house on same stream, Mariposa Co., Cal., for mining purposes.

217. E. Fletcher, 920 Eighth St., San Diego, Cal. Preliminary permit for diversion dam in Boulder Creek, San Diego Co., Cal., in Sect. 10, T. 14 S., R. 3 E., S.B.M. conduit 4½ mi. to power house on same stream, for public utility.

218. Saw Tooth Power Co., c/o F. B. Colton, Atty., 256 Bway., New York, Preliminary permit for a comprehensive development of power in Pass Creek and tributary streams, in Kongarok Precinct, Seward Peninsula, Alaska, for mining.

219. L. O. Griffith, Oroville, Cal. Preliminary permit for dam, conduit, and power house in Middle Fork of Feather River, Butte Co., Cal., for public utility.

220. Colowyo Gold Mining Co., Centennial Wyo. Preliminary permit for small diversion dam, pipe line, and power house in Middle Fork of Little Laramie River, 4 mi. from Centennial, Albany Co., Wyo., for mining purposes.

221. J. T. Clarke, Room 314, 503 Fifth Ave., New York City. License for dam, reservoir, and power house in Big Horn River, in Sect. 4, T. 5 N., R. 6 E., W.R.M., Fremont Co., Wyo. The dam is already constructed and this application is in direct conflict with that of the Wyoming Power Co., for public utility.

222. Lewis River Hydro Electric Power Co., 704½ Main St., Vancouver, Wash. Preliminary permit for a series of four power developments on Lewis River below mouth of Cedar Creek, above Cresap's Ferry, at Swift Creek, and above mouth of Muddy River, in Clarke, Skamania, and Cowlitz Cos., Wash., for public utility.

223. C. B. Hawley, 450 Munsey Bldg., Washington, D. C. Preliminary permit for diversion dam, conduit and power house on New River at Sandstone Falls in Raleigh and Summers Cos., West Va., for public utility.

224. Kootenai Power Constr. Co., 347 Madison Ave., New York City. Preliminary permit for dam and power house at Kootenai Falls, Lincoln Co., Mont. Small power installation at mouth of Yaak River, transmission lines to pulp mill at confluence of Yaak and Kootenai Rivers and a second mill near Kalispell, Flathead Co., Mont., for pulp and paper mills.

225. Dixie Power Co., Title Guaranty Bldg., St. Louis, Mo. Prelinary permit for high dam and power house in Buffalo River near its junction with Panther Creek in Marion Co., Ark. Probably a second dam and power house to be located at the head of the pool created by first dam, for public utility.

OFFICIAL PROPOSALS

Bids: July 16.

Steel and Concrete Bridge Work Rebuilding of Amoskeag Bridge

Manchester, N. H.

Sealed bids for the rebuilding of Amoskeag Bridge over the Merrimac River and the Boston and Maine Railroad, in the City of Manchester, N. H., including a complete new superstructure, additions and repairs to the existing substructure and certain approach work, will be received by the Surveyor of the Department of Highways of said City at his office in City Hall until 12 o'clock noon (Eastern Standard Time), on Saturday, July 16, 1921, at which time and place the bids will be publicly opened and read aloud.

The bridge, which will be approximately 750 feet in length, will consist of four spans of through steel trusses, three steel plate girder spans and one steel beam span. It will have one readway 20 feet wide in the clear between curbs and one 6-foot sidewalk, with concrete deck, bituminous macadam pavement in the roadway and granolithic sidewalk.

Each bid must be accompanied by a properly certified check for ten thousand (10,000) dollars. A bond in the sum of fifty thousand (50,000) dollars of an approved surety company will be required for the faithful performance of the contract.

A more complete description of the work to be done is given in Notice to Bidders, Forms of Bid, Contract, Bond, the Specifications and the Contract Drawings accompany the same.

Copies of the foregoing may be inspected at the office of the Commissioners, Department of Highways, at said Manchester, and may be obtained from the engineers, Fay, Spofford & Thorndike, 15 Beacon Street, Boston, Mass., on and after July 1, 1921, by payment of a twenty-five (25) dollar deposit.

Receipt of bids will be subject to the conditions stated in said Notice to Bidders.

The right is reserved to reject any or all bids.

DANIEL F. CRONIN,
Surveyor of the Departent of Highways.
JAMES A. WELLMAN,
JOSEPH QUIRIN,
L. J. FARRELL,
Commissioners, Department of Highways for the City of Manchester, N. H.

FAY, SPOFFORD & THORNDIKE,
Engineers, 15 Beacon Street,
June 30, 1921. Boston, Massachusetts.

Bids: July 30.

Construction Work

Central Islip, N. Y.

Sealed proposals for Construction Work—Open Air Pavilion for Patients, at the Central Islip State Hospital, Central Islip, N. Y., will be received by the State Hospital Commission, Capitol, Albany, N. Y., until three o'clock p.m. (daylight saving time), on Wednesday, July 20th, 1921, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a certified check in the sum of five per cent (5 per cent) of the amount of the proposal. The contractor to whom the award is made will be required to furnish surety company bond in the sum of fifty per cent (50 per cent) of the amount of contract within thirty days after official notice of award of contract and in accordance with the terms of Specification No. 3747. The right is reserved to reject any or all bids. Drawings, specifications and blank forms of proposal may be consulted at the Central Islip State Hospital, Central Islip, N. Y., at the New York Office of the Department of Architecture, Room 618 Hall of Records Building, and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, specifications and blank forms of proposal may be obtained at the Department of Architecture, Capitol, Albany, N. Y., upon reasonable notice to and in the discretion of the State Architect, L. F. Pilcher, Capitol, Albany, N. Y. E. S. ELWOOD,
Secretary, State Hospital Commission
Dated: June 22, 1921.

The publication of an advertisement on this page is an official notice that bids are wanted from other than local bidders.

It is also a guarantee that maximum competition is invited because Engineering News-Record is the *one* nationally recognized medium for Proposal advertising. Its Searchlight Section is read each week by nearly every worth-while contractor in this country who bids on public work outside his own city.

Official Proposals reaching our office in first mail Tuesday morning (10 o'clock) can usually be published in the issue out the following Thursday. Special price for Official Proposals, 40 cents a line.

Bids: July 20.

Sewer Construction

DEPARTMENT OF STREETS AND PUBLIC DEVELOPMENTS

Reading, Pa.

Sealed proposals will be received at the offioe of the City Clerk, Reading, Pa., until 9:45 a.m. (daylight saving time), Wednesday, July 20, 1921, for the construction of a concrete storm sewer on North Second Street, from Elm Street to Greenwich Street.

Approximate Quantities.

1,665 lin.ft. 3 ft. 9 in. x 4 ft. 9 in. concrete storm sewer with vitrified brick flow line construction.
18.5 lin.ft. reinforced concrete junction chamber.
30.0 lin.ft. 24 in. circular concrete storm sewer.
20.0 vert. ft. concrete manhole.
5 plate "I" basins 6 ft. long with connections.

Plans and specifications may be obtained by prospective bidders by making a deposit of ten dollars ($10) with the City Engineer, City Hall, Reading, Pa., who will furnish any other information which may be desired. Deposits made for plans and specifications will be refunded upon return of same prior to July 16, 1921.

Proposals must be marked "Bid for Storm Sewer Contract No. 3" and addressed to the City Clerk, City Hall Reading, Pa.

Contractors will be required to comply with the Act of July 18, 1917, P.L. 1083, relative to Workmen's Compensation Insurance, and proof must be furnished the Department by the said Contractors that they have accepted the provisions of said Act, and have insured their liability thereunder, or secured exemption therefrom.

The right is reserved to reject any or all bids.

By order of
WILLIAM B. YEAGER,
Superintendent.

EDMUND B. ULRICH,

Bids: July 18.

Building, Plumbing and Heating

Portsmouth, Va.

Sealed bids will be received by the City of Portsmouth, Virginia, until noon July 18th, and then publicly opened, for the construction of building, cell work and plumbing and heating for new City jail. Certified check equal to 10% of bid required.

Plans and specifications will be furnished on receipt of application accompanied by check for $10.

J. P. JERVEY,
City Manager.

Bids: July 25.

State Bridge Construction

Wheeler, Texas.

Sealed proposals addressed to the County Judge of Wheeler County, Texas, and filed with the county clerk for the construction of a Highway Bridge will be received at the office of the county clerk at Wheeler, Wheeler County, Texas, until 10 o'clock a.m., July 25, 1921, and then publicly opened and read.

DESCRIPTION OF WORK TO BE DONE

The construction of 1,380 feet of concrete pile trestle for which there are alternate designs, one an all reinforced concrete structure and the other all reinforced concrete with the exception of the stringers which are structural steel beams encased in gunite. The construction of about 11,500 feet of sand clay surfacing on cut and fill approaches. The site is at the crossing of Highway No. 4 over North Fork of the Red River about 3½ miles from the railway station at Shamrock, Texas.

APPROXIMATE QUANTITIES

For the All Reinforced Concrete Type. 9,600 cu.yd. borrow excavation; 2,000 cu.yd. earth roadway excavation; 1,000 ft. sand clay surfacing 20 ft. wide; 247,000 lb. plain reinforcing bars; 1,359 lin.ft. wooden guard fence; 540 sq.yd. rip-rap; 1,700 cu.yd. Class A concrete; 12,400 lin.ft. concrete piling; 2,761 lin.ft. handrailing; 3,066 sq.yd. bituminous paving.

For Steel Stringer Type. 9,000 cu.yd. borrow excavation; 2,000 cu.yd. earth roadway excavation; 1,000 ft. sand clay surfacing 20 ft. wide; 7,800 lb. wire cloth reinforcing; 135,000 lb. plain reinforcing bars; 1,359 ft. wooden guard fence; 480 sq.yd. rip-rap; 1,316 cu.yd. Class A concrete; 10,530 lin.ft. concrete piling; 3,066 sq.yd. bituminous paving; 2,761 lin.ft. hand railing; 475,000 lb. structural metal gunite protection of stringers.

Detailed plans and specification of the work may be seen for examination, and information may be obtained at the office of P. V. V. Pennybacker, County Engineer, Shamrock, Texas; The State Highway Department, State Office Building, Austin, Texas; Guy Lott, Division Engineer S. H. D., P. O. Box 89, Amarillo, Texas; J. A. McLellan, Division Engineer S. H. D., 502 Dallas County Bank Bldg., Dallas, Texas, and C. R. Haile, Division Engineer S. H. D., Chamber of Commerce, San Antonio, Texas.

A set of plans and specifications will be mailed upon application to the State Highway Department and payment of five dollars which will not be returned.

A certified or cashiers' check for two thousand five hundred dollars ($2,500), made payable without recourse to the order of L. D. Miller, County Judge of Wheeler County, must accompany each proposal, as a guarantee that the bidder if successful, will enter into contract and make bond in accordance with the requirements of the specifications.

The right is reserved to reject any and all proposals or to waive all technicalities.

Proposals shall be submitted in sealed envelopes and marked, "Bids for the construction of the Red River Bridge in Wheeler County."

All bids will be retained by the Department and will not be returned to the bidder.

Bids: July 18.

Construction of Pavement

New Florence, Pa.

The Council of the Borough of New Florence will receive sealed competitive bids on the contract work, relative to the construction of 2,910 lin.ft. of reinforced concrete pavement, on Ligonier Street, New Florence, Pa.

Plans, specifications and proposal forms may be procured from the Secretary of Council, by leaving a deposit of $10 for each set, which deposit will be returned only if each set of plans, etc., are returned in good condition.

All bids must be submitted in strict accordance with the specifications, and must be in the hands of the Secretary on or before 8 o'clock p.m., Monday, July 18, 1921.

By Order of Council, Borough of New Florence.

EVANS JONES, President.
JOSEPH WAGONNER, Secretary.
CARSTENSEN & McLAIN, Engineers,
Johnstown, Pa.